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# research in education

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# **introduction**

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# **organization of this catalog**

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Although the reader can browse through the resumes, he will find pertinent information more quickly by first consulting the indexes that follow each resume section. The indexes cite:

- Authors and investigators
- Institutions responsible for the research
- Subjects
- USOE programs (legislation authorizing the research)
- Contract and grant numbers

The indexes are keyed to the accession numbers so that every index entry refers the reader directly to the corresponding resume.



**K THE ACCESSION NUMBER IS THE KEY. CONSULT THE INDEXES FIRST.**





REPORT  
RESUMES

Accession Number--an identification number sequentially assigned to reports as they are processed.

Title of the Research Report.

**ED 000 000**

## SAMPLE ENTRY

24

Author(s)--the individual(s) who prepared the report.

Report Number--a number assigned by the report's originator.

Contract or Grant Number--contract numbers have OEC prefixes; grant numbers have OEG prefixes.

EDRS Price--price of the document through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hard copy.

Descriptors--the subject terms assigned by an indexer to characterize the substantive contents of a report. Only the major terms, preceded by an asterisk, are printed in the index.

A STUDY OF THE OPTIMUM PHYSICAL VIEWING CONDITIONS FOR A REAR PROJECTION DAYLIGHT SCREEN.

BY- ASH, PHILIP  
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK  
REPORT NUMBER CRP-234  
CONTRACT/GRANT OEC-6-12-01234-0033  
EDRS PRICE MF-\$ .027 HC-\$1.06 281 P

DESCRIPTORS- \*AUDIOVISUAL AIDS, \*CABINET-TYPE PROJECTOR, ACHIEVEMENT, EQUIPMENT, TEACHING METHODS, \*VIEWING CONDITIONS, INSTRUCTIONAL FILM, TEACHING METHODS, FILMS,

AN EXPERIMENT WAS DESIGNED TO DISCOVER THE DIFFERENCES IN LEARNING THAT COULD BE ATTRIBUTED TO DIFFERENCES IN ROOM ILLUMINATION, VIEWING ANGLE, AND DISTANCE FROM THE SCREEN AS THEY RELATED TO THE CABINET-TYPE PROJECTOR. PARTICIPANTS WERE 721 NAVY TRAINEES. THEIR TASK CHOSEN WAS TO ASSEMBLE THE BREACH BLOCK OF AN ANTI AIRCRAFT GUN. ALTHOUGH MOST TRAINEES COULD NOT PERFORM THE TASK WITHOUT INSTRUCTION, THEY LEARNED THE ASSEMBLY IN A FEW MINUTES WITH AN APPROPRIATE FILM. HALF OF THEM SAW THE FILM UNDER DAYLIGHT ILLUMINATION CONDITIONS. THE OTHER HALF SAW THE FILM UNDER DARKENED ROOM CONDITIONS. A TEST WAS SET UP WITH 50 SEATING POSITIONS AT VARYING ANGLES OF VIEW AND AT VARYING DISTANCES FROM THE SCREEN. THE TRAINEES WERE TESTED AFTER THEY SAW THE FILM. PERFORMANCE WAS BETTER UNDER DAYLIGHT CONDITIONS IN THE OPTIMUM VIEWING AREA. OPTIMUM VIEWING WAS WITHIN 30 DEGREES OF THE CENTER LINE AND WITHIN 12 SCREEN WIDTHS OF THE SCREEN. THESE FACTORS SHOULD BE TAKEN INTO CONSIDERATION IN TRAINING SITUATIONS WHEN TRAINEES PRACTICE A SKILL DURING A FILM SHOWING. (CG)

Office of Education Program--a code for the legislative program which supported the research activity.

Institutional Source--the organization at which the report was originated.

Publication Date--the date the report was published.

Informative Abstract--a condensation of the report in about 200 words. When applicable, it includes the purpose, procedure, results, and conclusions of the research activity.

Abstractor's initials.

**ED 010 045**

24

SCHOOL DESSEGREGATION IN THE NORTH, EIGHT COMPARATIVE CASE STUDIES OF COMMUNITY STRUCTURE AND POLICY MAKING.

BY- CRAIN, ROBERT L. AND OTHERS

UNIV. OF CHICAGO, NATIONAL OPINION RESEARCH CTR.

REPORT NUMBER BR-5-0841-NO-1

PUB DATE APR 68

REPORT NUMBER 110-A

EDRS PRICE MF-30.34 HC-813.76 344P.

DESCRIPTORS- #CASE STUDIES (EDUCATION), #CITY PROBLEMS, #INTEGRATION (RACIAL), #NORTHERN SCHOOLS, #SCHOOL INTEGRATION, CENSUS FIGURES, CHICAGO, CIVIL RIGHTS, COMPARATIVE ANALYSIS, ILLINOIS, POLICY FORMATION, PUBLIC OPINION, RACIAL ATTITUDES, SCHOOL DEMOGRAPHY, SCHOOL POLICY, SOCIAL STRUCTURE, URBAN SCHOOLS.

A PRELIMINARY, SYSTEMATIC PICTURE (CENSUS) WAS DEVELOPED OF THE STATUS OF SCHOOL INTEGRATION IN EIGHT NORTHERN CITIES OF THE UNITED STATES IN COMPLIANCE WITH THE 1954 "BROWN" DECISION OF THE SUPREME COURT. THE PURPOSE OF THE PROJECT WAS TO CORRECT THE DISTORTED VIEWS OF SCHOOL INTEGRATION STATUS, RESULTING PRIMARILY FROM NEWS MEDIA REPORTS OVER A PERIOD OF YEARS. PRINCIPAL STUDY DATA WERE GATHERED THROUGH INTERVIEW RESPONSES AND THE PERSONAL FILES OF APPROXIMATELY 200 PERSONS, INCLUDING SCHOOL BOARD MEMBERS, SCHOOL ADMINISTRATORS, PUBLIC OFFICIALS, NEWSPAPERmen, AND HEADS OF CIVIL RIGHTS GROUPS. THESE DATA WERE USED TO DEVELOP A CASE STUDY FOR EACH CITY CONSIDERED, DESCRIBING HOW THE DESSEGREGATION ISSUE WAS RAISED, HOW IT WAS DEBATED, AND HOW IT WAS (OR WILL BE) RESOLVED. CITIES COVERED IN THIS INVESTIGATION WERE ST. LOUIS, LAWNDALE, BAY CITY, NEWARK, BUFFALO, BALTIMORE, SAN FRANCISCO, AND PITTSBURGH. AN OVERALL REVIEW OF THE EIGHT CASE STUDIES WAS ALSO MADE IN ORDER TO DEVELOP A GENERAL PICTURE OF THE TYPICAL INTEGRATION DECISION, COVERING THE DEMANDS OF THE CIVIL RIGHTS MOVEMENT, THE RESPONSES OF SCHOOL BOARDS AND SUPERINTENDENTS, AND THE REACTIONS OF THE MASS OF WHITE CITIZENS. IN THREE OF THE CITIES STUDIED, SCHOOL INTEGRATION HAD BEEN RESOLVED, AND DEMONSTRATING, IF THEY EVER OCCURRED, WERE A THING OF THE PAST. PLANS WERE BEING IMPLEMENTED IN TWO OTHERS WHICH SHOWED PROMISE OF RESOLVING THE ISSUE. IN THOSE REMAINING, WORK STILL NEEDED TO BE DONE. NO ATTEMPT WAS MADE IN THIS STUDY TO RECOMMEND SOLUTIONS FOR THIS LATTER GROUP, AS THE PROJECT PURPOSE WAS ONLY TO REPORT FACTS AND POSSIBLE SOCIOLOGICAL EXPLANATIONS OF THESE FACTS. (JH)

**ED 010 046**

24

SCHOOL DESSEGREGATION IN NEW ORLEANS, A COMPARATIVE STUDY OF THE FAILURE OF SOCIAL CONTROL.

BY- CRAIN, ROBERT L. AND OTHERS

UNIV. OF CHICAGO, NATIONAL OPINION RESEARCH CTR.

REPORT NUMBER BR-5-0841-NO-2

PUB DATE MAY 68

REPORT NUMBER 110-B

EDRS PRICE MF-30.27 HC-87.52 188P.

DESCRIPTORS- #CASE STUDIES (EDUCATION), #CITY GOVERNMENT, #CITY OFFICIALS, #INTEGRATION (RACIAL), #SCHOOL INTEGRATION, #SOUTHERN SCHOOLS, BOARD OF EDUCATION ROLE, CENSUS FIGURES, CHICAGO, CIVIL RIGHTS, COMPARATIVE ANALYSIS, ILLINOIS, LOUISIANA, NEW ORLEANS, POLICY FORMATION, PUBLIC OPINION, RACIAL ATTITUDES, SCHOOL POLICY, SOCIAL STRUCTURE, URBAN SCHOOLS.

THE ISSUE OF SCHOOL DESSEGREGATION WAS STUDIED AS IT OCCURRED IN SEVEN SOUTHERN CITIES OF THE UNITED STATES, RESULTING FROM THE 1954 "BROWN" DECISION OF THE SUPREME COURT. THESE CITIES WERE COLUMBUS, JACKSONVILLE, NEW ORLEANS, MONTGOMERY, ATLANTA, MIAMI, AND BATON ROUGE. CASE STUDY DATA WERE GATHERED THROUGH INTERVIEW RESPONSES AND PERSONAL FILES OF MANY INDIVIDUALS, INCLUDING SCHOOL BOARD MEMBERS, SCHOOL ADMINISTRATORS, PUBLIC OFFICIALS, AND CIVIL RIGHTS LEADERS. PRIMARY EMPHASIS WAS PLACED ON A SINGLE CASE STUDY, THAT OF NEW ORLEANS. AT THE TIME THIS STUDY TOOK PLACE, THERE WAS A BREAKDOWN OF SOCIAL CONTROL OVER THE PROBLEM OF SCHOOL INTEGRATION, BRINGING ON INTENSE CONFLICTS INVOLVING STREET DEMONSTRATIONS, SCHOOL BOYCOTTS, AND DISPUTES BETWEEN THE LOUISIANA STATE LEGISLATURE AND THE FEDERAL COURTS. THE MAIN VARIABLE CONSIDERED IN THE CASE STUDIES ABOUT EFFECTIVE INTEGRATION WHILE MAINTAINING SOCIAL CONTROL WAS THE DEGREE OF CIVIC ELITE ACQUIESCE--(1) WILLINGNESS TO DESSEGREGATE AND (2) ABILITY TO MAINTAIN LAW AND ORDER DURING THE PERIOD OF INTEGRATION. IN ADDITION, TWO OTHER FACTORS WERE CONSIDERED--(1) THE LOCAL SCHOOL BOARD AND ITS DECISION-MAKING PROCESSES AND (2) THE CIVIL RIGHTS MOVEMENT WITH ITS DEMANDS AND INFLUENCES. ALL OF THIS INFORMATION WAS ANALYZED AND SOME SOCIOLOGICAL CONCLUSIONS WERE DRAWN, EXPLAINING WAYS IN WHICH DIFFERENT ECONOMIC BASES, POPULATIONS, AND GOVERNMENTAL STRUCTURES MAKE CITIES DIFFERENT IN THEIR STYLES OF DECISION-MAKING. THE AUTHORS CONCLUDED THAT AT THE HEART OF CONFLICTS OVER SCHOOL DESSEGREGATION ARE THOSE WHO CAN CONTROL THE DEGREE OF ORDER OR DISORDER IN THE SOCIAL STRUCTURE OF A PARTICULAR CITY. (JH)

**ED 010 047**

24

SENTENCE STRUCTURES USED BY SUPERIOR STUDENTS IN GRADES FOUR AND TWELVE, AND BY SUPERIOR ADULTS.

BY- HUNT, KELLOGG W.

FLORIDA STATE UNIV., TALLAHASSEE

REPORT NUMBER BR-5-0313

EDRS PRICE MF-30.18 HC-83.60 90P.

DESCRIPTORS- #CHILD DEVELOPMENT, #GRAMMAR, #MATURITY TESTS, #STUDY CHARACTERISTICS, #WRITING SKILLS, ADULT PROGRAMS, AGE DIFFERENCES, COMPOSITION (LITERARY), FLORIDA, FOURTH GRADE, LANGUAGE ARTS, MEASUREMENT INSTRUMENTS, MENTAL DEVELOPMENT, SUPERIOR STUDENTS, TALLAHASSEE, TWELFTH GRADE.

THE SEARCH FOR QUANTITATIVE MEASURES IN SENTENCE STRUCTURES THAT ARE SIGNIFICANT INDICATORS OF CHRONOLOGICAL AND MENTAL MATURITY IN SCHOOL CHILDREN WAS THE PURPOSE OF THIS STUDY. COMPARISONS WERE MADE OF COMPOSITIONS WRITTEN BY STUDENTS OF SUPERIOR IQ AT THE SAME GRADE LEVELS. THIS PART OF THE PROJECT HAD TWO OBJECTIVES--(1) TO SEE WHETHER SUPERIOR STUDENTS NEAR THE BEGINNING OF THEIR WRITING CAREERS ARE ALREADY MEASURABLY AHEAD OF THE AVERAGE STUDENTS IN SYNTACTIC MATURITY, AND IF SO IN WHAT RESPECTS, AND (2) TO DETERMINE WHETHER SUPERIOR STUDENTS NEAR THE END OF THEIR PUBLIC SCHOOL TRAINING ARE FURTHER AHEAD OF THEIR AVERAGE COUNTERPARTS. ANOTHER COMPARATIVE EXERCISE WAS CONDUCTED BETWEEN THE SYNTACTIC WRITTEN STRUCTURES OF SUPERIOR AND AVERAGE TWELFTH-GRADERS WITH THOSE OF SKILLED ADULTS PUBLISHED IN "HARPERS" AND "ATLANTIC" MAGAZINES. THIS SECOND PROJECT TASK WAS CONDUCTED TO DETERMINE WHETHER TWELFTH GRADERS (AT LEAST SUPERIOR ONES) HAVE ALREADY ATTAINED FULL

SYNTACTIC Maturity OR WHETHER, INSTEAD, SKILLED ADULT WRITERS ARE AHEAD OF THEM, AND IF SO, IN WHAT RESPECTS. IN GENERAL, THE RESULTS OF THE STUDY SHOWED DEFINITE DEVELOPMENTAL TENDENCIES OCCURRING BETWEEN GRADES 4 AND 12 AND CARRYING EVEN FARTHER IN THE WORK OF SKILLED ADULTS. THUS, THE MEASURES EMPLOYED WERE DEEMED SUFFICIENTLY SENSITIVE TO DETECT MENTAL, AS WELL AS CHRONOLOGICAL, MATURITY. THE STUDY WAS AN EXTENSION OF COOPERATIVE RESEARCH PROJECT 1998, ENTITLED "DIFFERENCES IN GRAMMATICAL STRUCTURES WRITTEN AT THREE GRADE LEVELS." (JH)

**ED 010 048**

24

A STUDY OF THE EFFECTS OF INTENSIVE ORAL-AURAL ENGLISH LANGUAGE INSTRUCTION, ORAL-AURAL SPANISH LANGUAGE INSTRUCTION AND NON-ORAL-AURAL INSTRUCTION ON READING READINESS IN GRADE ONE.

BY- HORN, THOMAS D.

UNIVERSITY OF TEXAS, AUSTIN

REPORT NUMBER CRP-2648

EDRS PRICE MF-80.16 HC-84.60 11SP.

PUB DATE 66

DESCRIPTORS- #AUDIOLINGUAL METHODS, #BEGINNING READING, #LANGUAGE INSTRUCTION, #READING READINESS, #SPANISH-SPEAKING, AUSTIN, DISADVANTAGED YOUTH, ENGLISH, FIRST GRADE, READING READINESS TESTS, SAN ANTONIO, SPANISH, TEXAS,

THE EFFECTIVENESS OF THREE METHODS WERE COMPARED FOR DEVELOPING READING READINESS IN SPANISH-SPEAKING FIRST GRADE CHILDREN. THE METHODS USED WERE (1) ENGLISH LANGUAGE INSTRUCTION WITH AUDIOLINGUAL TECHNIQUES, (2) SPANISH LANGUAGE INSTRUCTION WITH AUDIOLINGUAL TECHNIQUES, AND (3) LANGUAGE INSTRUCTION USING THE SAME MATERIALS AS METHODS ONE AND TWO, BUT WITHOUT AUDIOLINGUAL TECHNIQUES. SAMPLE FIRST GRADE CLASSROOMS WERE ARBITRARILY ASSIGNED TO ONE OF THE THREE TREATMENTS (A TOTAL OF 20 WAS USED). THE "METROPOLITAN READINESS TEST", ORIGINALLY DESIGNED FOR MEASURING READING READINESS FOR AN ENGLISH-SPEAKING POPULATION, WAS USED IN THIS PROJECT TO SECURE PRE-AND POST-TEST CRITERIA SCORES. THIS INSTRUMENT, HOWEVER, PROVED INVALID FOR MEASURING THE EFFECTS OF INTENSIVE ORAL LANGUAGE INSTRUCTION. IN ADDITION, NO OTHER USABLE INSTRUMENT WAS FOUND AVAILABLE FOR ASSESSING LEVELS OF ORAL LANGUAGE DEVELOPMENT FOR THE PROJECT POPULATION IN EITHER ENGLISH OR SPANISH. THIS FACTOR RESULTED IN A HIGHER MEAN ON THE FINAL CRITERION SCORES FOR THE CHILDREN WHO HAD NO AUDIOLINGUAL TRAINING. A LARGE NUMBER OF ZERO SCORES WERE ATTAINED ON THE PRETESTING EXERCISES WHICH CLEARLY DEMONSTRATED, AS WELL, THE INAPPROPRIATENESS OF THE STANDARDIZED TEST FOR THE SAMPLE GROUPS. DIFFERENCES BETWEEN THE TREATMENT GROUPS ON THEIR POST-TEST MEAN SCORES WERE NOT SIGNIFICANT. IT WAS DETERMINED THAT ADDITIONAL RESEARCH CLEARLY NEEDED TO BE ACCOMPLISHED IN THE FIELD. (JH)

**ED 010 049**

24

A COMPARATIVE STUDY OF TWO APPROACHES TO THE TEACHING OF READING IN THE NATIONAL LANGUAGE.

BY- MOODIANG, NANCY

NEW YORK UNIV., SCHOOL OF EDUCATION

REPORT NUMBER CRP-9-237

EDRS PRICE MF-80.27 HC-87.00 177P.

PUB DATE 66

DESCRIPTORS- #EDUCATIONAL RESEARCH, #INSTRUCTION, #SPANISH, #TEACHING METHODS, CHIAPAS, LANGUAGE INSTRUCTION, MEXICO,

READING INSTRUCTION.

THIS STUDY WAS CONDUCTED TO EVALUATE TWO APPROACHES FOR TRAINING STUDENTS WITH A PREVIOUSLY ACQUIRED FOREIGN LANGUAGE ABILITY. THE TWO APPROACHES STUDIED WERE MONOLINGUAL AND BILINGUAL. THE HYPOTHESIS OF THE MONOLINGUAL APPROACH SUGGESTS THAT IT IS MORE EFFICIENT TO TEACH IN THE NATIONAL LANGUAGE. THE BILINGUAL HYPOTHESIS SUGGESTS IT IS MORE EFFICIENT TO TEACH STUDENTS USING A PREVIOUSLY ACQUIRED LANGUAGE. THESE HYPOTHESES WERE TESTED ON AN INDIAN POPULATION IN THE CHIAPAS MOUNTAINS OF SOUTHWESTERN MEXICO. OPPORTUNITIES ARE AFFORDED TO OBSERVE AND STUDY THE MONOLINGUAL APPROACH IN LOCAL FEDERAL AND STATE SCHOOLS WHICH TEACH IN SPANISH AND THE NATIONAL INDIAN INSTITUTE SCHOOLS WHICH TEACH IN TRIBAL LANGUAGES TZOTZIL AND TZELTALE PRIOR TO TEACHING IN SPANISH. INSTRUCTIONAL MATERIALS, CONTENT, AND TESTS VALIDATED FOR THE GROUPS STUDIED WERE PREPARED, PRESENTED, AND EVALUATED. IT WAS FOUND THAT STUDENTS TAUGHT WITH THE BILINGUAL APPROACH SCORED SIGNIFICANTLY HIGHER ON THE SPANISH READING COMPREHENSION TEST. FURTHERMORE THE PERCENTAGE OF PUPILS DESIGNATED AS LITERATE IN SPANISH BY THEIR TEACHERS WAS SIGNIFICANTLY HIGHER FOR THE BILINGUAL STUDIES. THE HIGHER PERCENTAGE OF LITERACY AND THE HIGHER LEVELS OF READING COMPREHENSION POINT TO THE EFFICIENCY OF THE BILINGUAL APPROACH. IT WAS CONCLUDED THAT THE FINDINGS SUPPORT THE THEORY THAT MEANING IS ESSENTIAL TO READING COMPREHENSION. THE FINDINGS WERE CONCLUDED TO BE SPECIFICALLY RELEVANT FOR THE GROUPS STUDIED WITH POSSIBLE APPLICATION FOR THE BILINGUAL APPROACH IN OTHER LANGUAGE ENVIRONMENTS. CAUSAL FACTORS CONTRIBUTING TO THE STUDY RESULTS ARE DISCUSSED WITH IMPLICATIONS FOR FURTHER RESEARCH. (WN)

**ED 010 050**

24

WORD ASSOCIATIONS AND LEARNING TO READ.

BY- SAMUELS, S. JAY

UNIVERSITY OF CALIFORNIA, LOS ANGELES CAMPUS

REPORT NUMBER CRP-5-378

EDRS PRICE MF-80.09 HC-81.44 36P.

PUB DATE 66

DESCRIPTORS- #PRIMARY GRADES, #READING ACHIEVEMENT, #READING INSTRUCTION, #WORD ASSOCIATIONS, #WORD RECOGNITION, CALIFORNIA, LEARNING EXPERIENCES, LOS ANGELES, MINNEAPOLIS, MINNESOTA, ORAL COMMUNICATION, READING SKILLS, READING SPEED,

AN EXPERIMENT WAS CONDUCTED TO DETERMINE THE EFFECT OF 2-WORD ASSOCIATIONS IN LEARNING TO READ THE SECOND WORD OF A 2-WORD CHAIN. ABOUT 45 FIRST- AND SECOND-GRADE STUDENTS WERE CHOSEN AS SUBJECTS AFTER PRETESTING TO INSURE THEY WERE ABLE TO READ THE FIRST (STIMULUS) WORD BUT NOT THE SECOND (RESPONSE) WORD OF EACH WORD PAIR USED IN THE STUDY. EIGHT STIMULUS AND EIGHT RESPONSE WORDS WERE USED. EACH TRAINEE FIRST RECEIVED INSTRUCTION IN WORD ASSOCIATION BY RESPONDING ORALLY WITH THE RESPONSE WORD AFTER LEARNING THE STIMULUS WORD. READING TRAINING FOLLOWED THIS FIRST PROCEDURE THROUGH WORD PAIR RECALL AND WORD HATCHING TECHNIQUES. A WORD RECOGNITION TEST WAS THEN GIVEN ON THE EIGHT RESPONSE WORDS. TWO MEASURES OF LEARNING WERE USED--(1) NUMBER OF CORRECT READING RESPONSES, AND (2) SPEED OF RECOGNITION. RESULTS FROM BOTH MEASURES SHOWED CONCLUSIVELY THAT THE STRENGTH OF ASSOCIATIONS BETWEEN WORDS DID INFLUENCE THE OVERALL ACQUISITION OF CORRECT READING RESPONSES. (JH)

**ED 010 051**

24

COMPARISON OF READING ACHIEVEMENT OF FIRST-GRADE CHILDREN TAUGHT BY A LINGUISTIC APPROACH AND A BASAL READER APPROACH.  
BY- SCHNEIDER, J. WESLEY AND OTHERS  
UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA  
REPORT NUMBER CRP-2066  
EDRS PRICE MF-80.27 HC-86.76 169P.

**DESCRIPTORS-** #BASAL READING, #FIRST GRADE, #LINGUISTIC APPROACHES (READING), #READING ACHIEVEMENT, ABILITY GROUPING, CHILD DEVELOPMENT, EFFECTIVE TEACHING, FRIES LINGUISTIC METHOD, PENNSYLVANIA, PHILADELPHIA, PHILADELPHIA READING TEST (PRT), READING INSTRUCTION, SCOTT-FORESHMAN BASAL READER, SEX DIFFERENCES.

THE RELATIVE EFFECTIVENESS OF TWO APPROACHES FOR TEACHING READING TO FIRST-GRADE CHILDREN AT HIGH, AVERAGE, AND LOW ABILITY SCORE LEVELS WAS INVESTIGATED, AND THE VARIABLES THAT DIFFERENTIATED BETWEEN HIGH AND LOW ACHIEVERS UNDER BOTH APPROACHES WERE COMPARED. THE TWO APPROACHES WERE--(1) THE FRIES LINGUISTIC METHOD, AND (2) THE SCOTT, FORESHMAN BASAL READER METHOD. TWELVE CLASSES IN EACH TREATMENT, 4 WITHIN EACH TREATMENT AT EACH OF THE 3 ABILITY SCORE LEVELS, WERE INVOLVED IN THE STUDY (A TOTAL OF ABOUT 670 PUPILS). A NUMBER OF PRETESTS WERE ADMINISTERED TO ALL SUBJECTS, AND AFTER A 140-DAY INSTRUCTIONAL PERIOD, 7 CRITERION MEASURES WERE USED TO TEST DEGREES OF ACHIEVEMENT INCLUDING--(1) THE PHILADELPHIA READING TEST (PRT), (2) A LINGUISTIC READING TEST, (3) WORD MEANING, (4) PARAGRAPH MEANING, (5) VOCABULARY, (6) SPELLING, AND (7) WORD STUDY SKILLS. WHEN THE TWO TREATMENT GROUPS WERE CONSIDERED AS A WHOLE (THAT IS, WITHOUT BREAKDOWN OF ABILITY SCORE LEVELS OR SEXES), AND WHEN THE EVIDENCE OBTAINED FROM ALL THE CRITERION VARIABLES WERE TAKEN INTO ACCOUNT, NO GENERAL STATEMENT COULD BE MADE ABOUT THE SUPERIORITY OF ONE APPROACH OVER THE OTHER. THERE WERE, HOWEVER, SIGNIFICANT DIFFERENCES BETWEEN TREATMENTS FAVORING THE BASAL READER GROUP FOR FIVE OF THE SEVEN CRITERION MEASURES. FINDINGS WITH RESPECT TO THE EFFECT OF ABILITY ON TEST SCORES WERE NOT SIGNIFICANT FOR EITHER TREATMENT. FOLLOWUP STUDIES ARE TO BE CONDUCTED AS THE CHILDREN PROGRESS THROUGH THE SECOND AND THIRD GRADES. (JH)

**ED 010 052**

24

COMMUNICATION BARRIERS TO THE CULTURALLY DEPRIVED.  
BY- McDAVID, RAVEN I., AUSTIN, WILLIAM M.  
UNIVERSITY OF CHICAGO  
REPORT NUMBER CRP-2107  
ILLINOIS INST. OF TECH., CHICAGO  
EDRS PRICE MF-80.27 HC-87.16 179P.

**DESCRIPTORS-** #COMMUNICATION PROBLEMS, #CULTURAL DISADVANTAGEMENT, #MIDDLE CLASS, #NEGRO DIALECTS, #NONSTANDARD DIALECTS, CHICAGO, ILLINOIS, PRONUNCIATION, SOCIAL RELATIONS, URBAN AREAS.

THIS REPORT WAS DESIGNED (1) TO PROVIDE A MORE DETAILED AND SOPHISTICATED KNOWLEDGE ABOUT SOCIAL DIFFERENCES IN ORAL COMMUNICATION AND (2) TO ASCERTAIN THE ACCURACY WITH WHICH SUBJECTS COULD IDENTIFY THE RACE AND EDUCATION OF SPEAKERS WHOM THEY COULD NOT SEE. TO DETERMINE REACTIONS TO PRONUNCIATIONS, THE INVESTIGATORS DEVISED AN INSTRUMENT COMPOSED OF PRONUNCIATIONS BY SPEAKERS OF SPECIFIC REGIONAL

AND ETHNIC BACKGROUNDS. THIS INSTRUMENT WAS ADMINISTERED TO SOME THREE HUNDRED RESPONDENTS, WHITES AND NEGROES IN ALMOST EQUAL NUMBERS, OF VARIOUS EDUCATIONAL BACKGROUNDS. IT WAS FOUND THAT DIFFERENCES BETWEEN LOWER-CLASS WHITE SPEECH AND MIDDLE-CLASS TO LOWER-CLASS NEGRO SPEECH ARE MUCH MORE DIFFICULT TO DETECT THAN DIFFERENCES BETWEEN THE SPEECH OF WHITE CHICAGOANS AND SOUTHERN NEGROES. IT IS AN INTUITIVE REACTION THAT SUPRASEGMENTALS AND PARALANGUAGE ARE MORE EFFECTIVE INDICATORS OF ETHNIC BACKGROUND THAN VOCABULARY, GRAMMAR, OR PRONUNCIATION. (JL)

**ED 010 053**

24

THE IMPACT OF AGGRESSION IN THE CLASSROOM.  
BY- MCNEIL, ELTON B. AND OTHERS  
UNIVERSITY OF MICHIGAN, ANN ARBOR  
REPORT NUMBER CRP-5-136  
EDRS PRICE MF-80.27 HC-85.92 148P.

PUB DATE 66

**DESCRIPTORS-** #BEHAVIOR PROBLEMS, #CLASSROOM ENVIRONMENT, #DISCIPLINE, #HOSTILITY, #PARENT-CHILD RELATIONSHIP, ANN ARBOR, BUSS-DURKEE INVENTORY, MICHIGAN, PARENT REACTION, PEER RELATIONSHIP, SOCIAL ENVIRONMENT.

IN THIS INVESTIGATION, AGGRESSION WAS MEASURED FROM FOUR PERSPECTIVES--(1) THE PERCEPTION THAT THE SUBJECT HAD OF HIS AGGRESSION, (2) HIS SATISFACTION, AS HE VIEWED IT, WITH HIS OWN AGGRESSION, (3) THE PERCEPTION THAT THE TEACHER HAD OF THE SUBJECT'S AGGRESSION, AND (4) THE PERCEPTION OF THE SUBJECT'S AGGRESSION HELD BY HIS CLASSMATES. IN THIS RESEARCH, THE BUSS-DURKEE INVENTORY WAS ADMINISTERED TO 166 HUSBANDS AND WIVES WHOSE CHILDREN ATTENDED THE LABORATORY SCHOOL. TESTS WERE DEVELOPED FOR THE CHILDREN. THE MASS OF DATA ACCESSIBLE FOR STATISTICAL ANALYSIS WHEN THE THREE INDEPENDENT BUT INTERRELATED RESEARCHES WERE COMBINED NECESSITATED AN UNUSUAL AMOUNT OF DECISION MAKING REGARDING WHICH OF THE FINDINGS SHOULD BE RELATED IN THIS REPORT. DETAILED ANALYSIS OF THESE DATA IS CONTINUING AND WILL BE REPORTED AT A LATER DATE. (JL)

**ED 010 054**

24

OPPORTUNITIES AND REQUIREMENTS FOR INITIAL EMPLOYMENT OF SCHOOL LEAVERS WITH EMPHASIS ON OFFICE AND RETAIL JOBS.  
BY- COOK, FRED B., LANHAM, FRANK W.  
WAYNE STATE UNIV., COLL. OF EDUCATION, DETROIT  
REPORT NUMBER CRP-2378  
REPORT NUMBER BR-5-0084  
EDRS PRICE MF-80.36 HC-88.68 222P.

PUB DATE 66

**DESCRIPTORS-** #DROPOUTS, #EMPLOYMENT OPPORTUNITIES, #EMPLOYMENT QUALIFICATIONS, #HIGH SCHOOL GRADUATES, #JOB PLACEMENTS, CURRICULUM EVALUATION, DETROIT, LABOR MARKET, MICHIGAN, VOCATIONAL EDUCATION, WORK-EXPERIENCE PROGRAMS.

THE NUMBER AND TYPES OF ENTRY JOBS AVAILABLE TO HIGH SCHOOL LEAVERS AND THE SKILLS DEMANDED BY THE EMPLOYER AS A PREREQUISITE FOR HIRING WERE STUDIED. DATA WERE COLLECTED FROM EMPLOYERS AND SCHOOL LEAVERS. ALL DATA WERE COLLECTED THROUGH THE USE OF PROFESSIONAL INTERVIEWERS. THESE DATA WILL PROVIDE SCHOOL PERSONNEL WITH THE BASIS FOR MAKING CURRICULUM CHANGES IN BUSINESS AND DISTRIBUTIVE EDUCATION SUBJECTS. THERE IS A DIRECT RELATIONSHIP BETWEEN THE SIZE OF THE COMPANY AND THE NUMBER OF ENTRY JOBS AVAILABLE FOR 18- TO

81-YEAR-OLDS WITH HIGH SCHOOL EDUCATION OR LESS. THE LARGER THE COMPANY, THE MORE LIKELY THEY ARE TO HAVE ENTRY-TYPE JOBS AVAILABLE. INNOVATIVE PROGRAMS ARE NEEDED TO NARROW THE BRIDGE BETWEEN WHAT EMPLOYERS WANT FROM 16- TO 21-YEAR-OLDS ENTERING THE LABOR MARKET AND WHAT THEY GET FROM SCHOOLS' VOCATIONAL PROGRAMS. (JL)

**ED 010 055**

24

THE EFFECTS OF AGE AND TRAINING ON CHILDREN'S ABILITY TO UNDERSTAND CERTAIN BASIC CONCEPTS.

BY- MILLER, PAULA E.

COLUMBIA UNIV., NEW YORK

REPORT NUMBER CRP-S-274

CONTRACT OEC-S-8037-21-12-1

EDRS PRICE MF-80.27 HC-86.88

PUB DATE

66

172P.

DESCRIPTORS- #DEVELOPMENTAL TASKS, #INDIVIDUAL INSTRUCTION, #LOGICAL THINKING, #OBJECT MANIPULATION, INDIVIDUAL TESTS, KINDERGARTEN CHILDREN, NEW YORK, NEW YORK CITY, SECOND GRADE,

THE PRIMARY PURPOSE OF THIS STUDY WAS TO FIND OUT WHETHER CHILDREN CAN BE TAUGHT TO UNDERSTAND A GIVEN LOGICAL CONCEPT, NAMELY CLASS INCLUSION, WHEN THEY ARE AT A DEVELOPMENTAL STAGE WHERE TYPICALLY THEY HAVE DEMONSTRATED AN INABILITY TO DO SO. THE SAMPLE CONSISTED OF 90 KINDERGARTEN AND 90 SECOND-GRADE CHILDREN WHO WERE SELECTED BECAUSE THEY WERE (1) ABLE TO SORT OBJECTS INTO GROUPS ON THE BASIS OF ATTRIBUTE SIMILARITY, AND (2) UNABLE TO SOLVE THE CLASS INCLUSION PROBLEM. THREE INSTRUCTIONAL EXPERIENCES WERE PROVIDED ON AN INDIVIDUAL BASIS TO 30 DIFFERENT CHILDREN AT EACH GRADE LEVEL. THEY WERE COMPOSED OF (1) INITIAL PRETESTING, FOLLOWED BY INSTRUCTION IN CLASSIFICATION ACTIVITIES RELATED TO CLASS INCLUSION LOGIC, DIRECT TRAINING IN THAT LOGIC, AND FINAL POST-TESTING, AND (2) INITIAL PRETESTING, FOLLOWED BY AN INTERVAL OF TIME IN WHICH NO INSTRUCTIONS WERE GIVEN, AND FINAL POST-TESTING. THE INCREASE IN THE AVERAGE NUMBER OF LOGICAL GROUPINGS FOR EACH OF TWO OBJECT COLLECTIONS AND THE NUMBER OF CHILDREN WHO INCREASED IN THEIR ABILITY TO GROUP AND REGROUP THE COLLECTIONS SHOWED THE INSTRUCTIONAL EXPERIENCES TO HAVE BEEN HIGHLY BENEFICIAL. (GC)

**ED 010 056**

24

A COMPARISON OF MATHEMATICS PROGRAMS FOR ABLE JUNIOR HIGH SCHOOL STUDENTS, VOLUME I - FINAL REPORT.

BY- GOLDBERG, MIRIAM L. AND OTHERS

COLUMBIA UNIV. H. MANN - LINCOLN INST. FOR SCH. EXP.

REPORT NUMBER BR-S-0381-VOL-1

PUB DATE MAY 66

EDRS PRICE MF-80.45 HC-812.44

311P.

DESCRIPTORS- #JUNIOR HIGH SCHOOL, #MATHEMATICS CURRICULUM, #MATHEMATICS INSTRUCTION, #TEACHING METHODS, COMPARATIVE ANALYSIS, LEARNING PROCESSES, LORGE-TORNDIKE VERBAL INTELLIGENCE TEST, MATHEMATICAL ENRICHMENT, MATHEMATICS, NEW YORK, NEW YORK CITY, STEP MATHEMATICS TESTS, STEP READING TESTS.

THE TALENTED YOUTH PROJECT (TYP) MATHEMATICS STUDY WAS DESIGNED AS A STUDY TO COMPARE THE EFFECTIVENESS OF VARIOUS CURRICULUM PATTERNS AND PRACTICES IN MATHEMATICS EDUCATION CURRENTLY USED WITH ACADEMICALLY TALENTED JUNIOR HIGH SCHOOL STUDENTS. THE SAMPLE CONSISTED OF 51 CLASSES AND 6

MATHEMATICS PROGRAMS. THE LORGE-TORNDIKE VERBAL INTELLIGENCE TEST, STEP READING TESTS, AND STEP MATHEMATICS TESTS WERE THE MEASURING INSTRUMENTS USED FOR THE SELECTION OF PUPILS IN THE SPECIAL PROGRESS PROGRAM. PUPIL-RELATED FACTORS SUCH AS INTERESTS, SOCIOECONOMIC STATUS, ATTITUDES, AND PUPIL SELF APPRAISALS WERE COLLECTED. THREE BASIC INSTRUCTION PROGRAMS WERE (1) A "STANDARD" CURRICULUM FOUND IN MOST COMMERCIAL TEXTBOOKS, (2) THE SCHOOL MATHEMATICS STUDY GROUP (SMSG) CURRICULUM PRINTED IN "MODEL TEXTBOOK" FORM, AND (3) UNITS FROM THE UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS (UICSM OR ILLINOIS) THAT WERE AVAILABLE TO SCHOOLS WHOSE TEACHERS HAD BEEN EXPOSED TO THE REQUIRED INSERVICE TRAINING. THE PROGRAMS SELECTED WERE PRESUMABLY DIFFERENTIATED ON TWO DIMENSIONS, CONTENT--STANDARD OR CONTEMPORARY--AND TEACHING-LEARNING FACE--ENRICHED OR ACCELERATED. END OF THE YEAR TEST RESULTS ARE GIVEN AT THE END OF GRADES SEVEN, EIGHT, AND NINE. ALTHOUGH ACCELERATION RESULTED IN GREATER ACHIEVEMENT THAN ENRICHMENT, AND THE CONTEMPORARY APPROACH APPEARED SUPERIOR TO THE STANDARD ONE, IT WAS IN THE COMBINATION OF ACCELERATION AND CONTEMPORARY CONTENT AND METHODOLOGY THAT THE GREATEST LEARNING OCCURRED, AT LEAST IN TERMS OF THE CRITERIA SET IN THIS STUDY. (GC)

**ED 010 057**

24

A COMPARISON OF MATHEMATICS PROGRAMS FOR ABLE JUNIOR HIGH SCHOOL STUDENTS.

BY- GOLDBERG, MIRIAM L. AND OTHERS

COLUMBIA UNIV. H. MANN - LINCOLN INST. FOR SCH. EXP.

REPORT NUMBER BR-S-0381-VOL-2

PUB DATE 66

EDRS PRICE MF-80.18 HC-84.96

124P.

DESCRIPTORS- #COMPARATIVE ANALYSIS, #JUNIOR HIGH SCHOOL, #MATHEMATICS CURRICULUM, #TABLES (DATA), NEW YORK, NEW YORK CITY,

THE APPENDIXES FOR THE TALENTED YOUTH PROJECT (TYP) MATHEMATICS STUDY INCLUDE THE MEASURING INSTRUMENTS AND TABLES COMPILED DURING THE INVESTIGATION. THE PROJECT COMPARED THE EFFECTIVENESS OF VARIOUS CURRICULUM PATTERNS AND PRACTICES IN MATHEMATICS EDUCATION CURRENTLY USED WITH ACADEMICALLY TALENTED JUNIOR HIGH STUDENTS. THE FOUR APPENDIXES ARE (1) INSTRUMENTS, (2) SEVENTH-GRADE TABLES, (3) EIGHTH-GRADE TABLES, AND (4) NINTH-GRADE TABLES. (GC)

**ED 010 058**

24

THE EFFECTIVENESS OF TEACHING READING IN KINDERGARTEN.

BY- MC KEE, PAUL BRZEINSKI, JOSEPH

STATE DEPT. OF EDUCATION, DENVER, COLO.

REPORT NUMBER BR-S-0371

PUB DATE 66

DENVER PUBLIC SCHOOLS

EDRS PRICE MF-80.27 HC-85.84

146P.

DESCRIPTORS- #KINDERGARTEN CHILDREN, #READING ACHIEVEMENT, #READING COMPREHENSION, #READING DEVELOPMENT, #READING INSTRUCTION, COLORADO, DENVER, ELEMENTARY SCHOOLS, READING ABILITY, READING LEVELS, READING RESEARCH, READING SKILLS.

THIS STUDY INVESTIGATED THE EFFECTIVENESS OF BEGINNING THE TEACHING OF READING IN KINDERGARTEN. THE LONGITUDINAL EFFECTS AS WELL AS THE INITIAL RESULTS WERE EXAMINED. THE PROGRESS OF THE CHILDREN IN THE STUDY WAS FOLLOWED FROM THE KINDERGARTEN THROUGH THE FIFTH GRADE. THE SAMPLE CONSISTED OF

4,800 KINDERGARTEN PUPILS RANDOMLY ASSIGNED BY THE SCHOOL TO COMPARABLE CONTROL AND EXPERIMENTAL GROUPS. INSTRUCTIONS WERE SIMILAR EXCEPT FOR ONE MAJOR DIFFERENCE. THE EXPERIMENTAL GROUP RECEIVED PLANNED, SEQUENTIAL INSTRUCTION IN BEGINNING READING, WHILE THE CONTROL GROUP HAD ACTIVITIES WHICH DEVELOPED READING READINESS. THE PRINCIPAL STATISTICAL TECHNIQUE WAS ANALYSIS OF VARIANCE-COVARIANCE TECHNIQUE. THE PRIMARY VARIABLE CONSIDERED WAS THE TIME OF BEGINNING READING. OTHER VARIABLES WERE MENTAL AGE, CHRONOLOGICAL AGE, SEX, IQ, AND FAMILY CHARACTERISTICS. THESE LATTER VARIABLES WERE ALSO USED AS COVARIATES. COMPARISONS WERE MADE ON THE CRITERION VARIABLE (READING ACHIEVEMENT) BETWEEN EXPERIMENTAL AND CONTROL GROUPS AND EFFECTS OF OTHER VARIABLES WERE STUDIED IN THE SAME WAY. ANALYSIS OF VARIANCE ALLOWED COMPUTATION OF THE INTERACTION BETWEEN VARIABLES. IN EVERY CASE, ATTENTION WAS GIVEN TO THE INTERACTION OF THE TREATMENT VARIABLE (TIME OF BEGINNING READING) WITH THE OTHER VARIABLES IN DETERMINING THE EFFECT OF THE CRITERION VARIABLE (READING ACHIEVEMENT). OPTIMUM READING ACHIEVEMENT WAS OBTAINED BY BOYS AND GIRLS WHO RECEIVED THE EXPERIMENTAL BEGINNING READING INSTRUCTION IN KINDERGARTEN AND WHO HAD AN ADJUSTED READING PROGRAM IN LATER GRADES. SUCH ADJUSTMENT WAS NECESSARY FOR THE MEASURABLE ADVANTAGES OF EARLY READING INSTRUCTION TO BE PRESERVED BEYOND THE SECOND GRADE. WHEN THE ADVANTAGES OF AN EARLY START IN READING WERE FOLLOWED UP, STATISTICALLY SIGNIFICANT GAINS IN READING ACHIEVEMENT PERSISTED THROUGHOUT THE ENTIRE STUDY. (GC)

## ED 010 059 24

WRITTEN LANGUAGE DEVELOPMENT OF INTERMEDIATE GRADE CHILDREN.  
BY- HILL, EDWIN C., HILL, MARGARET K.  
UNIVERSITY OF PITTSBURGH, SCHOOL OF EDUCATION  
REPORT NUMBER CRP-1571 PUB DATE 66  
EDRS PRICE MF-80.00 HC-81.98 49P.

DESCRIPTORS- #CHILD DEVELOPMENT, #COMPOSITION (LITERARY), #INSTRUCTIONAL PROGRAM DIVISIONS, #INTERMEDIATE GRADES, #STUDENT CHARACTERISTICS, #WRITING SKILLS, AGE DIFFERENCES, ELEMENTARY SCHOOL STUDENTS, GEOGRAPHIC LOCATION, LANGUAGE ARTS, PENNSYLVANIA, PITTSBURGH, RURAL-URBAN DIFFERENCES, SEX DIFFERENCES.

SELECTED ASPECTS OF COMPOSITIONS, WRITTEN BY INTERMEDIATE GRADE CHILDREN (FOURTH, FIFTH, AND SIXTH GRADES), WERE STUDIED TO REVEAL GROWTH GRADIENTS OF WRITTEN LANGUAGE BY THE FOLLOWING CHARACTERISTICS (1) SEX, (2) CHRONOLOGICAL AGE, (3) GRADE LEVEL, (4) GEOGRAPHICAL LOCATION, AND (5) RESIDENCE AREA. THE SUBJECTS WERE 14,400 CHILDREN IN FOUR GEOGRAPHIC REGIONS OF THE UNITED STATES. EACH REGION WAS REPRESENTED BY FOUR METROPOLITAN AREAS, FURTHER DIVIDED INTO RURAL, SUBURBAN, AND URBAN RESIDENCE CLASSIFICATIONS. THE COMPOSITIONS SUBMITTED BY THE STUDENT SAMPLE WERE ANALYZED IN TERMS OF PARTS OF SPEECH, SENTENCE TYPE, SENTENCE COMPLEXITY, CLAUSES, AND PHRASES. PHRASES WERE DIVIDED INTO FIVE CATEGORIES (NOUN, VERB, ADJECTIVAL, ADVERBIAL, AND ABSOLUTE). THE INCIDENCE OF USE OF SENTENCE FRAGMENTS AND RUN-ON SENTENCES AND THE FREQUENCY OF THE USE OF RIGHT OR LEFT HAND IN WRITING WERE TABULATED. STUDY RESULTS SHOWED THAT RESIDENCE CLASSIFICATION, SEX, INCIDENCE OF RIGHT OR LEFT HANDEDNESS, INCIDENCE OF USE OF RUN-ON SENTENCES, AND INCIDENCE OF USE OF SENTENCE FRAGMENTS PRODUCED NO SIGNIFICANT CORRELATIONS WITH ANY OTHER.

VARIABLES. THUS, NO IMPORTANT RELATIONSHIPS FOR THOSE VARIABLES EXISTED IN THIS PARTICULAR SAMPLE. GRADE LEVEL AND AGE, HOWEVER, PROVED TO BE HIGHLY RELATED TO EACH OTHER IN ANALYSIS OF THE WRITTEN COMPOSITIONS, PRODUCING A CORRELATION OF .824. (JH)

## ED 010 060

24

INSTRUCTION OF HIGH SCHOOL STUDENTS IN READING FOR DIFFERENT PURPOSES.  
BY- SMITH, HELEN K., ANDRESEN, OLIVER S.  
UNIVERSITY OF CHICAGO  
REPORT NUMBER CRP-1714  
EDRS PRICE MF-80.03 HC-817.84 446P.

DESCRIPTORS- #INSTRUCTIONAL MATERIALS, #PROGRAM EVALUATION, #READING, #SECONDARY EDUCATION, CHICAGO, ILLINOIS, NILES TOWNSHIP HIGH SCHOOL WEST, READING INSTRUCTION, READING PROGRAMS,

POTENTIAL BENEFITS TO BE DERIVED FROM PLANNED PURPOSEFUL READING INSTRUCTION WERE STUDIED. TWELVE PURPOSES WERE THEN SELECTED FOR PURPOSEFUL READING AT THE NINTH-GRADE HIGH SCHOOL LEVEL. STUDENTS IN THE EXPERIMENTAL GROUP AND CONTROL GROUP WERE THEN SELECTED ON THE BASIS OF NEED FOR PURPOSEFUL READING INSTRUCTION. INDIVIDUALS IN THE CONTROL AND EXPERIMENTAL GROUPS WERE MATCHED ON THE BASIS OF READING INVENTORY SCORES AND I.Q. PLANNED PURPOSEFUL READING INSTRUCTION WAS THEN GIVEN TO THE EXPERIMENTAL GROUP AND EVALUATED. THE EXPERIMENTAL EVALUATION WAS COMPARED WITH AN EVALUATION OF CONTROL GROUP INSTRUCTION. INSTRUCTION IN BOTH GROUPS WAS OBSERVED BY A READING RESEARCH ASSOCIATE TO ASCERTAIN PROCEDURES AND METHODS USED BY TEACHERS. EFFECTIVENESS OF THE INSTRUCTIONAL TECHNIQUES USED WAS COMPARED. ANALYSIS OF COVARIANCE WAS USED TO ADJUST FOR DIFFERENCES IN I.Q. OR PURPOSEFUL READING PRETEST SCORES. EXPERIMENTAL SUBJECTS DID NOT READ SIGNIFICANTLY BETTER THAN THE CONTROL GROUP FOR THE 12 STUDY PURPOSES SELECTED. HOWEVER, THE RESULTS INDICATE THAT THE PERCENTAGE OF STUDENTS SCORING ABOVE ONE STANDARD DEVIATION WAS HIGHER IN THE EXPERIMENTAL GROUP. IT WAS CONCLUDED THAT THE MATERIALS DEVELOPED FOR INSTRUCTION AND TESTING HAD BEEN USED SUCCESSFULLY AND THAT PLANNED PURPOSEFUL READING INSTRUCTION WAS SUPERIOR TO INCIDENTAL INSTRUCTION. (WN)

## ED 010 061

24

EXPERIMENTAL AVERSIVE STIMULATION OF VERBAL BEHAVIOR. (NO TITLE GIVEN.)  
BY- WHALEY, DONALD  
FLORIDA STATE UNIV., TALLAHASSEE  
REPORT NUMBER BR-5-8076 PUB DATE 12 AUG 68  
EDRS PRICE MF-80.09 HC-82.32 58P.

DESCRIPTORS- #CONDITIONED STIMULUS, #PSYCHOLOGICAL STUDIES, #RESEARCH METHODOLOGY, #VERBAL LEARNING, FLORIDA, TALLAHASSEE,

REPORTED HERE ARE RESULTS OF A STUDY INITIATED TO EXAMINE PRINCIPLES INVOLVED IN THE EXPERIMENTAL MODIFICATION OF VERBAL BEHAVIOR. SIXTEEN UNDERGRADUATE FEMALE VOLUNTEERS WERE REQUIRED TO PRODUCE A VERBAL RESPONSE UNDER MANIPULATED LIGHTING CONDITIONS. BASE LINE SCORES WERE OBTAINED FOR EACH SUBJECT UNDER DIMLIGHT CONDITIONS. PUSHBUTTON SCORES WERE

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OBTAINED TO MEASURE SUBJECT AWARENESS LEVELS RELATED TO NOXIOUS LIGHTING. CESSION OF PREESTABLISHED LEVELS OF NOXIOUS LIGHT WAS THEN MADE DEPENDENT ON RESPONSE FREQUENCIES. INTENSITY AND INTERVALS OF NOXIOUS LIGHTING WERE VARIED AS REQUIRED FOR ACQUISITION, EXTINCTION, AND REACQUISITION OF CONDITIONING. RESULTS INDICATED THAT CONDITIONING WAS PREDICATED ON THE LEVEL OF SUBJECTS' AWARENESS TO THE AVERSIVE STIMULUS. THE LEVEL OF AWARENESS WAS CONCLUDED TO BE SUBJECT SPECIFIC. METHODS USED HERE ARE HELD TO BE POTENTIALLY USEFUL FOR SCIENTIFIC EXAMINATION OF VERBAL CONDITIONING. IT IS CONCLUDED THAT TECHNIQUES WILL EVOLVE FROM THIS EXPERIMENT WHICH WILL ALLOW PRECISE AND SPECIFIC MANIPULATION OF VERBALIZATION IN THE CLASSROOM. (WN)

## ED 010 062

24

AN EVALUATION OF THREE APPROACHES TO TEACHING READING IN FIRST GRADE.  
BY- BORDEAUX, ELIZABETH A.  
GOLDSBORO CITY SCHOOLS, N. C.  
REPORT NUMBER CRP-2719  
STATE BOARD OF EDUC., DEPT. OF PUB. INST., RALEIGH, N.C  
EDRS PRICE HF-30.18 HC-82.48 62P.

DESCRIPTORS- #BASAL READING, #PHONICS, #READING PROGRAMS, #SENSORY EXPERIENCES, COMPARATIVE ANALYSIS, FIRST GRADE, GOLDSBORO, NORTH CAROLINA, RACIAL DIFFERENCES, READING ACHIEVEMENT, SEX DIFFERENCES,

THE PURPOSE OF THIS STUDY WAS TO COMPARE THE FOLLOWING APPROACHES TO TEACHING FIRST GRADE READING (1) A TRADITIONAL BASAL READER, (2) BASAL READER PLUS INTENSIVE PHONICS INSTRUCTION, AND (3) THE LATTER TWO METHODS PLUS SENSORY EXPERIENCES. THESE THREE APPROACHES WERE TRIED FOR 140 SCHOOL DAYS (1 YEAR), USING 28 FIRST-GRADE CLASSES. THEY WERE EXAMINED FROM THE STANDPOINTS OF PUPIL ACHIEVEMENT ON THE WHOLE AND ACHIEVEMENT WITHIN CERTAIN GROUPS OF CHILDREN. AMONG THE GROUPS CONSIDERED WERE BOYS VERSUS GIRLS, NEGROES VERSUS WHITES, AND REPEATERS VERSUS NONREPEATERS. ALSO CONSIDERED WERE FACTORS OF GENERAL MATURITY AND LEVEL OF HOME ENVIRONMENT. READINESS TESTS, AN INTELLIGENCE TEST, ACHIEVEMENT TESTS, AND NONTEST DATA WERE USED TO OBTAIN THE PROJECT RESULTS. THESE RESULTS SHOWED THAT NO ONE OF THESE THREE APPROACHES WAS CONSISTENTLY SUPERIOR TO THE OTHER TWO IN ALL AREAS OF ACHIEVEMENT CONSIDERED. CERTAIN TEST SUBSCORES, HOWEVER, DID INDICATE SUPERIORITY OF THE SENSORY EXPERIENCES APPROACH. WHERE THE DIFFERENCES WERE NOT SIGNIFICANT, THE DIFFERENCE WAS STILL IN FAVOR OF THIS APPROACH IN ALL INSTANCES. THE BASAL READER APPROACH WAS SECOND BEST FOR NEGRO SUBJECTS. FOR WHITE SUBJECTS, THERE WAS NO DIFFERENCE BETWEEN THE BASAL READER AND PHONICS APPROACHES. FOR REASONS OF UNCONTROLLED VARIABLES, COMPARISONS OF TOTAL BOYS VERSUS TOTAL GIRLS COULD NOT BE MADE. IT WAS SUGGESTED THAT IF THE STUDY WERE DUPLICATED WITH DIFFERENT CHILDREN AND TEACHERS, HOWEVER, QUITE DIFFERENT RESULTS MIGHT BE OBTAINED. (JH)

## ED 010 063

24

CONCEPT FORMATION IN CHILDREN WITH DOWN'S SYNDROME-MONGOLISM.  
BY- O'HARE, SISTER S.  
FORDHAM UNIV., BRONX, N. Y.

PUB DATE

66

GRANT GES-8-0988-6-11-3

EDRS PRICE HF-30.18 HC-82.48 62P.

DESCRIPTORS- #CONCEPT FORMATION, #CONCEPT TEACHING, #INDIVIDUAL INSTRUCTION, #RETARDED CHILDREN, #SIZE DISCRIMINATION, BRONX, CHILD DEVELOPMENT, LEARNING PROCESSES, MENTAL RETARDATION, NEW YORK, SPECIAL EDUCATION, TRANSFER OF TRAINING,

A SPECIAL TRAINING PROGRAM IN SIZE DISCRIMINATION WAS STUDIED AS A MEANS FOR TEACHING REGULAR TRISOMIC MONGOLOIDS. BASED UPON THE SUCCESS OF THIS PROGRAM, A FURTHER ASSESSMENT WAS MADE AS TO ACQUIRED SIZE DISCRIMINATION ABILITY OF SUCH PERSONS WHEN TRANSFERRED TO OTHER LEARNING TASKS WITH PICTORIAL MATERIALS AND THREE-DIMENSIONAL OBJECTS. THE SUBJECTS WERE 60 NON-INSTITUTIONALIZED MONGOLOID CHILDREN (CONFIRMED BY CHROMOSOMAL ANALYSIS) WITH A MEAN AGE OF 6 YEARS AND AVERAGE I.Q. OF 38. A "SIZE CONCEPT TEST" AND SIZE DISCRIMINATION TRAINING TASKS WERE DEVELOPED AND USED WITH THESE CHILDREN. PICTURES, GEOMETRIC FORMS, AND THREE-DIMENSIONAL OBJECTS WERE USED FOR THE TEST WHERE SUBJECTS SELECTED THE "BIGGEST" STIMULUS OUT OF THREE CHOICES FOR EACH TEST ITEM IN RESPONSE TO VERBAL DIRECTION. ONE CANDY WAS THE REWARD FOR EACH CORRECT ("BIGGEST") RESPONSE. THE TRAINING PROGRAM CONSISTED ENTIRELY OF PICTORIAL MATERIALS ARRANGED ON CARDS WHERE THE SUBJECTS AGAIN SELECTED THE "BIGGEST" OBJECTS AND WERE REWARDED FOR CORRECT RESPONSES, ACCORDINGLY. ALL TESTING AND TRAINING WERE CONDUCTED INDIVIDUALLY BY INVESTIGATOR IN FACE-TO-FACE SITUATIONS. EXPERIMENTAL SUBJECTS WHO RECEIVED TRAINING WERE COMPARED TO A COMPARABLE CONTROL GROUP. BOTH GROUPS WERE GIVEN PRE- AND POST-TESTS AS DESCRIBED ABOVE (THE LATTER RECEIVED NO TRAINING). SIGNIFICANTLY HIGHER GAINS WERE MADE BY THE EXPERIMENTAL GROUP, AND THIS SUCCESS DID NOT APPEAR TO BE RELATED TO MATURATION OR INTELLECTUAL LEVEL. (JH)

## ED 010 064

24

THE DEVELOPMENT OF A CONCEPTUAL SYSTEM FOR DEALING WITH PROBLEMS OF CURRICULUM AND INSTRUCTION.

BY- GOODLAD, JOHN I.  
UNIVERSITY OF CALIFORNIA, LOS ANGELES CAMPUS

REPORT NUMBER CRP-454  
CONTRACT OEC-SAE-8024  
EDRS PRICE HF-30.18 HC-83.04 76P.

PUB DATE 66

DESCRIPTORS- #CONCEPT FORMATION, #CURRICULUM PLANNING, #CURRICULUM RESEARCH, #INSTRUCTIONAL DESIGN, #SYSTEMS CONCEPTS, CALIFORNIA, CHICAGO, EDUCATIONAL NEEDS, EDUCATIONAL OBJECTIVES, ILLINOIS, LEARNING EXPERIENCES, LOS ANGELES, VALUES,

A PLANNED, RIGOROUS SEARCH WAS CONDUCTED FOR A CONCEPTUAL SYSTEM BY MEANS OF WHICH THE CENTRAL PROBLEMS OF CURRICULUM DEVELOPMENT AND INSTRUCTIONAL INNOVATION ARE IDENTIFIED AND RELATED TO EACH OTHER. EACH SEGMENT OF THE RATIONALE FORMULATED WAS RELATED TO AND CONTINUALLY CHECKED AGAINST PERTINENT RESEARCH AND RELATED STUDIES DURING THE DEVELOPMENT OF THE PROJECT. PRELIMINARY DISTINCTIONS WERE MADE AMONG THREE KINDS OF DECISION PHENOMENA--(1) VALUES, (2) EDUCATIONAL AIMs, AND (3) LEARNING OPPORTUNITIES. IN THE PROCESS OF RATIONAL CURRICULUM CONSTRUCTION, IT WAS CONCLUDED THAT ONE MOVED FROM VALUES TO EDUCATIONAL AIMs AND FROM THE LATTER TO LEARNING OPPORTUNITIES, AND ALSO FROM MORE GENERAL

TO MORE SPECIFIC FORMULATIONS. IT WAS SUGGESTED FROM THIS SYSTEMATIC PROCESS THAT ONE COULD FINALLY DEFINE OBJECTIVES WITH GREAT SPECIFICITY IN ORGANIZING LEARNING PROGRAMS FOR SPECIFIC INDIVIDUALS OR GROUPS. A MAJOR EMPHASIS WAS, HOWEVER, THAT ONE CANNOT LEGITIMATELY DEDUCE EDUCATIONAL ENDS FROM VALUES, OR LEARNING OPPORTUNITIES FROM EDUCATIONAL ENDS, SIMPLY ON THE BASIS OF LOGIC OR COMMON SENSE ALONE, BUT RATHER MUST INTRODUCE, IN ORDER TO MAKE SUCH DEDUCTIONS, CERTAIN ASSUMPTIONS WHICH ARE NOT LIKELY TO BE OBVIOUS. IT FOLLOWED, THEREFORE, THAT CONSULTATION WITH SPECIALISTS OF ONE KIND OR ANOTHER IS NECESSARY IN MAKING EACH OF THE DERIVATIONS INVOLVED, AND IN SOME INSTANCES IT MIGHT BE NECESSARY TO ASSESS CONVENTIONAL WISDOM (WHAT THE PUBLIC BELIEVES OR WANTS, OR WHAT PROSPECTIVE STUDENTS KNOW BEFORE CURRICULUM PLANNING BEGINS). IN CONCLUSION, THE ULTIMATE STARTING POINT IN CURRICULUM DEVELOPMENT FOR A SPECIFIED OBJECTIVE MUST BE A SET OF VALUES. FLOW CHARTS FOR DEVELOPING CURRICULUMS FROM THE USE OF THESE VALUES WERE PROVIDED, REPRESENTING A PRELIMINARY CONCEPTUAL SYSTEM. (JH)

**ED 010 065** 24  
 RESEARCH ON LIBRARY SERVICES IN METROPOLITAN AREAS.  
 BY- BLASINGAME, RALPH  
 RUTGERS, THE STATE UNIV., GRAD. SCH. OF LIB. SERV.  
 REPORT NUMBER BR-5-0076 PUB DATE JUN 66  
 CRP-5-034  
 CONTRACT OEC-4-10-273  
 EDRS PRICE MF-\$0.09 HC-\$1.24 31P.

DESCRIPTORS- \*LIBRARY PROGRAMS, \*LIBRARY SERVICES, \*PUBLIC LIBRARIES, \*SCHOOL LIBRARIES, \*SEMINARS, LIBRARIES, LIBRARY INSTRUCTION, NEW BRUNSWICK, NEW JERSEY, RESEARCH PROJECTS,

THIS IS THE FINAL REPORT OF THE SEMINAR TO STUDY THE PROBLEMS AFFECTING LIBRARY SERVICE IN METROPOLITAN AREAS. LIBRARIANS, SOCIAL SCIENTISTS, EDUCATORS, AND AUTHORITIES IN RELATED FIELDS, FROM THE UNITED STATES AND CANADA, PARTICIPATED IN THE NINE 1-DAY SESSIONS. THE MUCH NEEDED AREAS OF RESEARCH WERE IDENTIFIED AS (1) INFORMATION NEED AND SUPPLY, (2) SOCIAL AND POLITICAL FACTORS, (3) EDUCATION AND TRAINING FOR WORK IN LIBRARIES, (4) LIBRARY OPERATIONS, AND (5) HISTORICAL STUDIES. (GC)

**ED 010 066** 24  
 EFFECT OF EXTRINSIC REWARDS ON MOTIVATION.  
 BY- GLADSTONE, ROY  
 OKLAHOMA STATE UNIV. OF AGRICULTURE AND APPLIED SCI.  
 REPORT NUMBER BR-5-0164 PUB DATE 66  
 REPORT NUMBER CRP-5-443  
 EDRS PRICE MF-\$0.09 HC-\$1.24 31P.

DESCRIPTORS- \*BEHAVIOR PATTERNS, \*CONDITIONED STIMULUS, \*MOTIVATION, \*REWARDS, COLLEGE STUDENTS, OKLAHOMA, STILLWATER, TRAINING,

THE SPECIFIC PROBLEM WAS WHETHER HUMANS, AFTER HAVING BEEN TRAINED ON A GIVEN REWARD SCHEDULE TO ACT IN A GIVEN WAY IN GIVEN CIRCUMSTANCES, WILL EXHIBIT FIXED EXTINCTION BEHAVIOR REGARDLESS OF THE DIFFERENCES BETWEEN THE TRAINING AND THE EXTINCTION PERIODS. SUBJECTS WERE 360 COLLEGE STUDENTS WHO HAD VOLUNTEERED FOR THE EXPERIMENT. AN APPARATUS WAS USED THAT FED BB'S WHEN A KNOB WAS PULLED AND THE BB'S

ACTED AS THE REWARDS. A PROGRAMER FED THE BB'S ON A SET VARIABLE RATIO REINFORCEMENT SCHEDULE. THE HYPOTHESIS THAT EXTINCTION BEHAVIOR WOULD BE RELATED TO THE AMOUNT OF REWARD WAS SUPPORTED, ALTHOUGH THE CIRCUMSTANCES WERE SUCH AS TO CAST SOME DOUBT UPON IT. IN THE LIGHT OF THE LITERATURE ON THE RELATIONSHIP BETWEEN REWARD AND BEHAVIOR, IT MIGHT BE INTERESTING TO PURSUE THIS FINDING FURTHER. (JL)

**ED 010 067** 24  
 EFFECTS OF GEOGRAPHIC MOBILITY ON PERFORMANCE IN HIGH SCHOOL.  
 BY- MOORE, HARRY R.  
 UNIVERSITY OF DENVER  
 REPORT NUMBER CRP-5-125 PUB DATE 66  
 EDRS PRICE MF-\$0.09 HC-\$1.00 25P.

DESCRIPTORS- \*ACADEMIC PERFORMANCE, \*EMOTIONAL ADJUSTMENT, \*FAMILY LIFE, \*FAMILY MOBILITY, \*SOCIAL DEVELOPMENT, ACHIEVEMENT TESTS, COLORADO, DENVER, GEOGRAPHIC LOCATION, GRADE-POINT AVERAGE, HIGH SCHOOL STUDENTS,

THE PRESENT INVESTIGATION HAD A THREEFOLD OBJECTIVE--(1) TO DISCOVER THE EFFECTS OF FREQUENCY AND PATTERN OF FAMILY MOVES ON PUPILS' HIGH SCHOOL ACHIEVEMENT TEST SCORES, (2) TO DISCOVER THE EFFECTS OF FREQUENCY AND PATTERN OF FAMILY MOVES ON THE GRADES PUPILS EARNED IN HIGH SCHOOL, AND (3) TO DISCOVER THE EFFECTS OF FREQUENCY AND PATTERN OF FAMILY MOVES ON PUPILS' PARTICIPATION IN EXTRACURRICULAR ACTIVITIES. THE HISTORICAL APPROACH WAS CHOSEN FOR THIS INVESTIGATION. STARTING WITH THE END-PRODUCT OF PERFORMANCE DURING THE LAST 2 YEARS OF HIGH SCHOOL, THIS PERFORMANCE WAS TRACED BACK TO DIFFERENCES IN FREQUENCY AND PATTERNS OF PREVIOUS FAMILY MOVES FROM ONE PLACE OF RESIDENCE TO ANOTHER. MOVING BETWEEN COUNTIES AND STATES FROM 1 TO 10 TIMES, IN ANY OF SEVERAL PATTERNS, IS NOT CONSISTENTLY FOLLOWED BY SIGNIFICANT DIFFERENCE IN CHILDREN'S PERFORMANCE IN HIGH SCHOOL EXCEPT IN THE AREA OF STUDENT ACTIVITIES. THERE SEEKS TO BE A SLIGHT TENDENCY TOWARD LESS INVOLVEMENT IN STUDENT GOVERNMENT, CLUBS, SPORTS, AND THE LIKE AMONG STUDENTS WHO HAVE BEEN UPROOTED DURING THE SECONDARY GRADES. AREAS FOR FURTHER STUDY INCLUDE REASONS FOR MOVING, EXPECTATIONS AND THE DEGREE TO WHICH THEY WERE CONFIRMED BY THE NEW PLACE OF RESIDENCE, AND THE AMOUNT OF CULTURAL DIFFERENCE BETWEEN THE OLD SCHOOL AND COMMUNITY AND THE NEW. (JL)

**ED 010 068** 24  
 CLASSROOM TEACHING AND LEARNING AS A COMPLEX INTERACTIONAL GAME.  
 BY- BEKER, JEROME AND OTHERS  
 SYRACUSE UNIV., YOUTH DEVELOPMENT CENTER, N. Y.  
 REPORT NUMBER CRP-5-191 PUB DATE 66  
 EDRS PRICE MF-\$0.27 HC-\$5.84 88P.

DESCRIPTORS- \*BEHAVIOR PATTERNS, \*CLASSROOM ENVIRONMENT, \*INNER CITY, \*STUDENT-TEACHER RELATIONSHIP, \*TEACHING PROCEDURES, ELEMENTARY SCHOOLS, LEARNING PROCESSES, NEW YORK, RURAL ENVIRONMENT, SUBURBAN ENVIRONMENT, SYRACUSE,

THIS WAS AN EXPLORATORY STUDY OF INTERPERSONAL INTERACTIONS THROUGH WHICH TEACHING AND LEARNING PROCEED IN INNER CITY, SUBURBAN, AND RURAL ELEMENTARY SCHOOL CLASSROOMS. A MAJOR OBJECTIVE OF THE WORK WAS TO IDENTIFY SOME CRITICAL DIMENSIONS OF DIFFERENCE AMONG THESE THREE KINDS OF SETTINGS

FOR MORE SYSTEMATIC ATTENTION LATER. TWO OBSERVERS VISITED EACH OF SIX CLASSROOMS ONCE WEEKLY FOR A 2-HOUR PERIOD. THEY OBSERVED SEPARATELY, AND AN EFFORT WAS MADE TO CONCLUDE EACH PART OF THE SCHOOL DAY AND EACH REGULAR CLASS PROGRAM OR ACTIVITY. THE OBSERVERS TOOK VOTES IF THE SITUATION ALLOWED IT. THE CONCLUSIONS INDICATED THAT THE CLASSROOM CAN BE AND SOMETIMES IS A NEGATIVE, PERHAPS DAMAGING ENVIRONMENT FOR CHILDREN. IT IS IMPORTANT TO EMPHASIZE THAT EACH CLASSROOM TEACHER OBSERVED WAS DOING THE BEST JOB HE OR SHE KNEW HOW TO DO. THEIR FAILURES REFLECT PARTICULAR PERSONALITIES AND VALUE ORIENTATIONS AND DEFICITS OF KNOWLEDGE AND SKILL RATHER THAN WILLFULLY NEGATIVE OR APATHETIC BEHAVIOR. OBSERVATIONS FOLLOWED BY GROUP OR ONE-TO-ONE DISCUSSIONS SHOULD BE EXPLORED AS A MEANS FOR ENHANCING TEACHER INSIGHT AND EFFECTIVENESS. (JL)

**ED 010 069**

08

CONFERENCE ON HOME ECONOMICS PROGRAM DEVELOPMENT FOR DISADVANTAGED YOUTH AND THEIR FAMILIES.

BY- GRAVATT, ARTHUR E.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK

REPORT NUMBER BR-5-0091

PUB DATE MAY 68

GRANT OEG-5-85-102

EDRS PRICE MF-\$0.27 HC-\$5.72

143P.

DESCRIPTORS- #CONFERENCES, #DISADVANTAGED ENVIRONMENT, #DISADVANTAGED GROUPS, #HOME ECONOMICS EDUCATION, EVALUATION, FIELD TRIPS, PENNSYLVANIA, PITTSBURGH, PROGRAM DEVELOPMENT, UNIVERSITY PARK,

THE MAJOR PURPOSE OF THE CONFERENCE WAS TO (1) INCREASE HOME ECONOMISTS' UNDERSTANDING OF THE CULTURE OF THE DISADVANTAGED, (2) OBSERVE HOME ECONOMICS PROGRAMS IN ACTION, (3) CONSIDER THE NEED FOR INITIATING NEW HOME ECONOMICS PROGRAMS TO HELP DISADVANTAGED, AND (4) EXPLORE COOPERATIVE PROGRAMS WITH COMMUNITY AGENCIES. THIS SIX-PART REPORT INCLUDED THE PAPERS PRESENTED AT THE CONFERENCE, THE FIELD TRIPS TO POVERTY PROGRAM AREAS, NEW HOME ECONOMICS PROGRAMS, BIBLIOGRAPHY, CONFERENCE EVALUATION, THE CONFERENCE PROGRAM, AND THE LIST OF PARTICIPANTS. (GC)

**ED 010 070**

08

A PROCESS FOR DETERMINING VOCATIONAL COMPETENCIES FOR THE PERFORMANCE OF NINE ESSENTIAL ACTIVITIES FOR SALES PERSONNEL IN THE FEED INDUSTRY, AND THE LOCI AT WHICH THE COMPETENCIES COULD BE TAUGHT.

BY- ALBRACHT, JAMES J.

MICHIGAN STATE UNIV., COLL. OF EDUCATION

REPORT NUMBER BR-5-0156

PUB DATE JUN 68

GRANT OEG-8-85-014

EDRS PRICE MF-\$0.27 HC-\$5.96

149P.

DESCRIPTORS- #AGRICULTURE, #SALESMANSHIP, #VOCATIONAL EDUCATION, COMPARATIVE ANALYSIS, EAST LANSING, MCQUITTY HIERARCHICAL CLASSIFICATION SYSTEM, MICHIGAN,

THIS WAS A STUDY TO DEMONSTRATE A PROCESS FOR DETERMINING THE VOCATIONAL COMPETENCIES ESSENTIAL FOR THE PERFORMANCE OF NINE FEED SALES ACTIVITIES AND THE LOCI AT WHICH THE COMPETENCIES COULD BE TAUGHT. AN INSTRUMENT WAS DEVELOPED WITH THE ASSISTANCE OF THE FEED INDUSTRY AND UNIVERSITY PERSONNEL. IT CONTAINED 40 COMPETENCIES WHICH

APPEARED TO BE ESSENTIAL FOR FEED SALES PERFORMANCE. A 24-MEMBER JURY OF EXPERTS WERE INTERVIEWED AND THEIR RESPONSES TO THE IMPORTANCE OF THE 40 COMPETENCIES WERE TABULATED. ALSO, TABLES WERE PREPARED LISTING THE LOCI WHERE THESE COMPETENCIES COULD BE TAUGHT. A CHI-SQUARE ANALYSIS AND THE MCQUITTY HIERARCHICAL CLASSIFICATION SYSTEM WERE USED TO MEASURE THE EXTENT OF AGREEMENT AMONG THE 24 JURY MEMBERS. IT WAS CONCLUDED AFTER THE ANALYSES OF DATA THAT THERE IS GENERAL AGREEMENT ON BOTH THE 40 COMPETENCIES AND THE LOCI AT WHICH THE COMPETENCIES COULD BE TAUGHT. (GC)

**ED 010 071**

08

AN EXPLORATORY STUDY OF KNOWLEDGES IN CHILD DEVELOPMENT AND GUIDANCE NEEDED BY MOTHERS AND WORKERS IN OCCUPATIONS RELATED TO CHILD CARE.

BY- WHITMARSH, RUTH E.

UNIVERSITY OF ILLINOIS, URBANA

REPORT NUMBER BR-5-0465

PUB DATE 68

CONTRACT OEC-6-85-009

EDRS PRICE MF-\$0.27 HC-\$5.48 137P.

DESCRIPTORS- #CHILD CARE, #CHILD DEVELOPMENT, #DAY-CARE SERVICES, #EMPLOYMENT QUALIFICATIONS, #PARENT ROLE, GUIDANCE, ILLINOIS, MOTHERS, OPINION, PARENT EDUCATION, PARENT RESPONSIBILITY, PROFESSIONAL EDUCATION, SERVICE EDUCATION, URBANA, WORK EXPERIENCE,

BOTH PROFESSIONAL AND PRACTITIONER ASSESSMENTS WERE OBTAINED TO DETERMINE THE TYPES OF KNOWLEDGE NEEDED BY MOTHERS AND EMPLOYEES ENGAGED IN ACTIVITIES AND OCCUPATIONS RELATED TO CHILD CARE. IT WAS NECESSARY TO IDENTIFY THE SKILLS IN CHILD DEVELOPMENT AND GUIDANCE WHICH ARE UNIQUE TO THE MOTHER ROLE AND TO THE EMPLOYEE ROLES AND THOSE WHICH ARE COMMON TO BOTH. NINETY PERSONS WERE PERSONALLY INTERVIEWED, CONSISTING OF DAY-CARE CENTER DIRECTORS, DAY-CARE FOSTER MOTHERS, MOTHERS OF PRESCHOOL CHILDREN, DAY-CARE LICENSING REPRESENTATIVES, SOCIAL WORKERS, AND CHILD DEVELOPMENT SPECIALISTS. THE LATTER THREE GROUPS WERE ASSUMED TO BE THE PROFESSIONALS. VIEWS GATHERED ON THE STUDY SUBJECT MATTER SHOWED MUCH SIMILARITY BETWEEN PROFESSIONAL AND PRACTITIONER WITH RESPECT TO THE CHILD CARE INFORMATION NEEDED BY BOTH MOTHERS AND EMPLOYEES. SIGNIFICANT DIFFERENCES, HOWEVER, WERE NOTED AMONG THE GROUP VIEWPOINTS ON THE AMOUNT OF EDUCATION AND EXPERIENCE NEEDED. THIS DISAGREEMENT WAS WELL FOUNDED BECAUSE OF THE VARYING AMOUNT AND DEPTH OF KNOWLEDGE REQUIRED IN THE SEVERAL OCCUPATIONS AND JOBS REPRESENTED BY THE PARTICIPANTS. THE ACTUAL ITEMS OF KNOWLEDGE NEEDED (A TOTAL OF 66 WERE USED ON THE DATA FORM USED IN INTERVIEWS) BY MOTHERS AND DAY-CARE CENTER DIRECTORS, ASSISTANTS, AND FOSTER MOTHERS WERE PRESENTED IN TABULAR FORM. BASED UPON THE STUDY ANALYSIS, RECOMMENDATIONS FOR RENEWED CURRICULUM DEVELOPMENT IN CHILD CARE AND GUIDANCE WERE FORMULATED. (JN)

**ED 010 072**

08

THE USE OF FOLLOW-UP STUDIES IN THE EVALUATION OF VOCATIONAL EDUCATION.

BY- SHARP, LAURE N., KRASHGOR, REBECCA

BUREAU OF SOCIAL SCIENCE RESEARCH INC., WASH. D. C.

REPORT NUMBER BR-5-0461

PUB DATE MAY 68

GRANT OEG-6-000476-0304

EDRS PRICE MF-\$0.09 HC-\$1.00 42P.

## REPORT RESUMES PAGE 8

DESCRIPTORS- #FOLLOW-UP PROGRAMS, #METHODS RESEARCH, #PROGRAM EVALUATION, #TRAINING, #VOCATIONAL EDUCATION, COMMUNITY PROBLEMS, D.C., EMPLOYMENT OPPORTUNITIES, MEASUREMENT INSTRUMENTS, NATIONAL PROGRAMS, STUDENT CHARACTERISTICS, WASHINGTON.

FOLLOWUP STUDY TECHNIQUES APPLICABLE TO VOCATIONAL EDUCATION PROGRAMS WHICH WERE CURRENTLY AVAILABLE OR LIKELY TO BECOME AVAILABLE IN THE NEAR FUTURE WERE IDENTIFIED AND DESCRIBED FOR PURPOSES OF PROGRAM EVALUATION. PROCEDURES CONSISTED ESSENTIALLY OF GATHERING AND ANALYZING SECONDARY SOURCE MATERIALS, INCLUDING PERTINENT PUBLICATIONS AND STUDIES. FOLLOWUP EFFORTS WERE FOUND TO BE COMMON IN THE EVALUATION OF VOCATIONAL EDUCATION PROGRAMS IN CERTAIN AREAS OF THE UNITED STATES. THE MOST SERIOUS GAP FOUND WAS THE LACK OF FOLLOWUP INFORMATION AT THE POST-HIGH SCHOOL LEVEL FOR THOSE TRAINED IN TECHNICAL INSTITUTES OR JUNIOR COLLEGES. IT WAS DETERMINED THAT THE MOST SIGNIFICANT NEED IN VOCATIONAL FOLLOWUP RESEARCH WAS A COMPREHENSIVE EVALUATION OF WHAT HAPPENS TO AN INDIVIDUAL WHO HAS BEEN TRAINED. THE MOST PRODUCTIVE DESIGN FOR NATIONWIDE FOLLOWUP PROGRAMS WAS FOUND TO BE A COMBINATION OF TREND AND COHORT STUDY. RECOMMENDATIONS WERE MADE TO PROVIDE SYSTEMATIC NATIONWIDE COVERAGE FOR ALL LEVELS OF VOCATIONAL TRAINING AND FOR ALL VOCATIONAL EDUCATION PROGRAMS. THE CONTINUING NEED WAS EMPHASIZED FOR INTENSIVE, SMALL-SCALE STUDIES OF PARTICULAR AREAS, PROGRAMS, AND FACTORS AND FOR EQUALLY STRONG STUDIES IN LABOR MARKET REQUIREMENTS, EMPLOYER PREFERENCES, AND BEHAVIOR (JH)

**ED 010 073** 08  
 CONDITIONS OF PARTICIPATION IN A PUBLIC AFFAIRS ADULT EDUCATION PROGRAM, A DEVELOPMENTAL STUDY.  
 BY- BLUM, J. MICHAEL FITZPATRICK, ROBERT  
 AMERICAN INSTITUTES FOR RES. IN BEHAVIORAL SCIENCES  
 REPORT NUMBER BR-6-8191 PUB DATE JUL 68  
 CONTRACT OEC-1-6-066191-0678  
 EDRS PRICE MF-80.18 HC-83.72 93P.

DESCRIPTORS- #ADULT EDUCATION PROGRAMS, #PARTICIPATION, #PROGRAM EVALUATION, #PUBLIC EDUCATION, #WORLD AFFAIRS, ACTION PROGRAMS (COMMUNITY), CURRENT EVENTS, FOREIGN POLICY ASSOCIATION, GREAT DECISIONS PROGRAM, LIMITED EXPERIENCES, MEASUREMENT INSTRUMENTS, PENNSYLVANIA, PITTSBURGH, PROGRAM IMPROVEMENT, REWARDS, SOCIAL STUDIES,

THIS DEVELOPMENTAL STUDY HAD AS ITS BASIC OBJECTIVES TO GATHER BACKGROUND INFORMATION ABOUT THE STRUCTURE AND FUNCTION OF THE "GREAT DECISIONS" PROGRAM WITHIN AND ACROSS COMMUNITIES AND TO DEVELOP INSTRUMENTS FOR FURTHER STUDY OF THE PROGRAM. "GREAT DECISIONS," SPONSORED BY THE FOREIGN POLICY ASSOCIATION (FPA), IS AN 8-WEEK, ADULT STUDY-DISCUSSION PROGRAM IN FOREIGN AFFAIRS. BACKGROUND INFORMATION WAS COLLECTED FROM TWO PRINCIPAL SOURCES. APPROXIMATELY 40 PARTICIPANTS IN DENVER, COLORADO, WERE INTERVIEWED ABOUT THEIR "GREAT DECISIONS" EXPERIENCES. IN ADDITION, QUESTIONNAIRES, WHICH FPA DESIGNED AND INCLUDED AMONG THE 1965 PROGRAM MATERIALS AND WHICH WERE RETURNED BY OVER 800 PARTICIPANTS THROUGHOUT THE COUNTRY, WERE OBTAINED AND ANALYZED. QUESTIONNAIRES OF THE PROGRAM WERE TRIED OUT EITHER ON THE INTERVIEW RESPONDENTS, ON THREE GREAT DECISIONS GROUPS CONVENED ESPECIALLY FOR THE STUDY, OR ON BOTH. THE

INSTRUMENTS WERE REFINED ON THE BASIS OF THESE TRYOUTS. AN OVERVIEW OF THE PROJECT RESULTS HAS DISCUSSED IN TERMS OF THREE PROMINENT THEMES--(1) REWARDS OF "GREAT DECISIONS" PARTICIPATION, (2) "GREAT DECISIONS" AS EDUCATIONAL PROGRAM VERSUS ACTION PROGRAM, AND (3) LIMITS ON "GREAT DECISIONS" PARTICIPATION. (JH)

**ED 010 074** 08  
 A DEVELOPMENTAL PROGRAM FOR VOCATIONAL COUNSELORS DIRECTED TOWARD SERVING DISADVANTAGED YOUTH MORE EFFECTIVELY.  
 BY- SWEENEY, THOMAS J.  
 UNIV. OF SOUTH CAROLINA, SCHOOL OF EDUCATION  
 REPORT NUMBER BR-5-0124 PUB DATE 68  
 GRANT OEG-5-85-091  
 EDRS PRICE MF-80.18 HC-82.72 66P.

DESCRIPTORS- #COUNSELOR TRAINING, #DISADVANTAGED YOUTH, #INSERVICE COURSES, #INSTITUTE-TYPE COURSES, #VOCATIONAL COUNSELING, COLUMBIA, COOPERATIVE PROGRAMS, FIELD TRIPS, SOUTH CAROLINA,

A 2-WEEK SUMMER INSTITUTE WAS CONDUCTED TO SERVE AS INSERVICE TRAINING FOR A GROUP OF 29 COUNSELORS IN EMPLOYMENT, TRADE, TECHNICAL, AND SCHOOL SETTINGS AS TO HOW THEY MIGHT BETTER SERVE DISADVANTAGED YOUTH THROUGH INDIVIDUAL AND JOINT ACTION PROJECTS. OPEN DISCUSSIONS WERE HELD AMONG THE PARTICIPANTS TO STIMULATE WORTHWHILE IDEAS IN THIS AREA, AND FIELD VISITS AFFORDED EACH OF THE COUNSELORS OPPORTUNITIES TO MEET AND TALK WITH YOUNG PEOPLE AND THEIR FAMILIES. IN ADDITION, SOCIAL WORKERS, PSYCHOLOGISTS, AND URBAN REHABILITATION PERSONNEL DISCUSSED THEIR WORK AND THE PROBLEMS WHICH THEY ENCONTERED IN ATTEMPTING TO AID THIS POPULATION OF YOUNG PEOPLE. A SERIES OF THREE FOLLOWUP MEETINGS TO THE INSTITUTE WERE HELD ON WEEKENDS DURING THE FOLLOWING YEAR. COLLEAGUES AND ADMINISTRATIVE SUPERVISORS OF THE PARTICIPANTS WERE INVITED TO THE LAST TWO MEETINGS. THE MEETINGS SERVED TO INTRODUCE NEW DIMENSIONS REGARDING THE VOCATIONAL FUTURE OF DISADVANTAGED YOUTH AND THE NECESSITY OF PROFESSIONAL TEAMWORK IN ASSISTING THEM. THE RECOMMENDATIONS GENERATED BY THE INSTITUTE PARTICIPANTS FELL UNDER TWO MAJOR HEADINGS--(1) JOINT ACTION BY AGENCIES WORKING WITH DISADVANTAGED YOUTH, AND (2) COUNSELOR EDUCATION AND INSERVICE TRAINING. PRIMARY EVALUATION WAS CONDUCTED THROUGH THE ADMINISTRATION OF A PARTICIPANT QUESTIONNAIRE. ALL RESPONDENTS INDICATED ENTHUSIASM FOR CONTINUING PROGRAMS TO SERVE DISADVANTAGED YOUTH. IT SHOULD BE NOTED THAT EMPHASIS IN THIS DEVELOPMENTAL PROGRAM WAS APPLIED PRIMARILY TO THE STATE OF SOUTH CAROLINA. (JH)

**ED 010 075** 08  
 CONFERENCE ON METHODS OF INCREASING STUDENT ACHIEVEMENT IN TECHNICAL PREPARATORY PROGRAMS.  
 BY- VAN HALL, MILO E.  
 STATE UNIV. OF N. Y., AG. AND TECH. COLL. AT ALFRED  
 REPORT NUMBER BR-6-8303 PUB DATE 30 JUL 68  
 GRANT OEG-1-6-066303-0721  
 EDRS PRICE MF-80.09 HC-80.98 14P.

DESCRIPTORS- #CONFERENCES, #PREVOCATIONAL EDUCATION, #VOCATIONAL COUNSELING, #VOCATIONAL SCHOOLS, ACADEMIC ACHIEVEMENT, ALFRED, CORE CURRICULUM, GUIDANCE SERVICES, HIGH SCHOOL GRADUATES, HIGH SCHOOL ROLE, NATURAL SCIENCES, NEW

## YORK, SKILL DEVELOPMENT;

A 3-DAY CONFERENCE WAS HELD TO DEFINE AND FIND SOLUTIONS TO THE PROBLEM OF TECHNICAL SCHOOLS RELATIVE TO STUDENTS WHO LACK THE NECESSARY REQUISITES TO ENTER AND SUCCESSFULLY COMPLETE A TECHNICAL EDUCATION PROGRAM OF STUDY. REPRESENTATIVES FROM TECHNICAL SCHOOLS AND SECONDARY SCHOOL GUIDANCE COUNSELORS FROM THE NORTHEASTERN UNITED STATES WERE INVITED TO PARTICIPATE. THE FIRST STEP WAS TO IDENTIFY THE KINDS OF STUDENTS WHO NEED A PREPARATORY TECHNICAL PROGRAM. THIS WAS FOLLOWED BY SYSTEMATIC DISCUSSIONS OF AREAS WHICH NEEDED ATTENTION TO OVERCOME THESE STUDENTS' LACK OF ACADEMIC PREPARATION. SOME OF THOSE AREAS WERE (1) STUDY SKILLS, (2) COMMUNICATION SKILLS, (3) MATHEMATICS, (4) PHYSICS, (5) CHEMISTRY, (6) BIOLOGY, AND (7) COUNSELING. THE PROCEDURE FOLLOWED ALLOWED AMPLE OPPORTUNITY FOR EACH OF THE CONFERENCE DELEGATES TO FREELY ENTER INTO THE DISCUSSION. BOTH PHILOSOPHICAL AND REALISTIC APPROACHES TO THE OVERALL PROBLEM WERE STUDIED IN DEPTH. THE RESULTS OF THE CONFERENCE APPEARED TO CREATE ENTHUSIASM AND DETERMINATION AMONG THE DELEGATES TO FURTHER STUDY THE PROBLEM AND CONSIDER THE ESTABLISHMENT OF PREPARATORY PROGRAMS IN THEIR REPRESENTED INSTITUTIONS. (JH)

**ED 010 076** 08  
 CAREER SIMULATION FOR SIXTH GRADE PUPILS.  
 BY- SHIRTS, R. GARRY  
 SAN DIEGO COUNTY DEPT. OF EDUCATION, CALIF.  
 REPORT NUMBER BR-0123-NO-1   PUB DATE         68  
 GRANT OEG-HRD-131-65  
 EDRS PRICE MF-\$0.09 HC-\$1.64    41P.

DESCRIPTORS- \*CAREER PLANNING, \*CLASSROOM GAMES, \*GAMES, \*SIMULATION, \*VOCATIONAL INTERESTS, CALIFORNIA, CHILD DEVELOPMENT, INTELLECTUAL EXPERIENCES, LIFE CAREER GAME, PILOT PROJECTS, SAN DIEGO, SIXTH GRADE,

THIS WAS A PILOT PROJECT DESIGNED TO DEVELOP A MODIFIED VERSION OF THE "LIFE CAREER GAME" DEVELOPED FOR HIGH SCHOOL USE AND EXPLORE ITS POTENTIAL USE AT THE SIXTH-GRADE LEVEL. THE PROJECT WAS DIVIDED INTO A DEVELOPMENTAL PHASE AND A RESEARCH PHASE. IN THE DEVELOPMENTAL PHASE THE "LIFE CAREER GAME" DEVELOPED BY MRS. SARANE BOOCOCK OF JOHNS HOPKINS UNIVERSITY WAS MODIFIED AND SIMPLIFIED IN AN EFFORT TO MAKE IT APPROPRIATE TO THE INTELLECTUAL AND INTEREST LEVEL OF SIXTH-GRADE PUPILS. IN THE RESEARCH PHASE THE MEAN SCORES ON THE "VOCATIONAL DEVELOPMENT INVENTORY" AND THE "VOCATIONAL INFORMATION ACHIEVEMENT TEST" OF THREE SIXTH-GRADE CLASSES OF PUPILS RANDOMLY SELECTED FROM TWO SCHOOL DISTRICTS WERE COMPARED TO THE MEAN SCORES ON THE SAME TESTS OF THREE RANDOMLY SELECTED CONTROL GROUPS. THE TREATMENT GROUPS PLAYED THE MODIFIED GAME FOR 15 HOURS OVER A PERIOD OF A MONTH. THE CONTROL GROUPS RECEIVED THE REGULAR CURRICULUM WHICH DID NOT INCLUDE ANY SYSTEMATIC STUDY OF CAREER DEVELOPMENT. NO SIGNIFICANT DIFFERENCES BETWEEN TREATMENT AND CONTROL GROUPS WERE FOUND. IT WAS EVIDENT, HOWEVER, THAT THE GAME EVOKED A HIGH DEGREE OF PUPIL INTEREST. BECAUSE OF THIS FACT, FURTHER CLASSROOM STUDY CONCERNING THE USE OF THE GAME WAS FELT TO BE WARRANTED. FOR FURTHER INFORMATION ON THE "LIFE CAREER GAME," SEE ACCESSION NUMBER ED010 077. (JH)

**ED 010 077** 08  
 LIFE CAREER GAME, PLAYER'S MANUAL.  
 BY- SHIRTS, R. GARRY  
 SAN DIEGO COUNTY DEPT. OF EDUCATION, CALIF.  
 REPORT NUMBER BR-5-0123-NO-2  
 EDRS PRICE MF-\$0.18 HC-\$2.64    TIP. APPENDIX TO DOCUMENT  
 BR-0123-NO-1

DESCRIPTORS- \*CAREER PLANNING, \*CLASSROOM GAMES, \*GAMES, \*MANUALS, \*SIMULATION, CHILD DEVELOPMENT, EDUCATIONAL PLANNING, JOHNS HOPKINS UNIVERSITY, LIFE CAREER GAME, SIXTH GRADE, TEAM TEACHING, VOCATIONAL INTERESTS,

THIS REPORT PRESENTS A MODIFIED (SIXTH-GRADE) VERSION OF THE "LIFE CAREER GAME," DEVELOPED PREVIOUSLY FOR HIGH SCHOOL USE BY MRS. SARANE BOOCOCK OF JOHNS HOPKINS UNIVERSITY. INCLUDED ARE MANUALS FOR TEACHER AND PUPIL (SHOWING HOW TO ORGANIZE, SUPERVISE, AND PLAY THE GAME) AS WELL AS THE GAME MATERIAL ITSELF. THE GAME IS AN ACTIVITY WHICH REQUIRES PUPILS TO SIMULATE MAKING SOME OF THE DECISIONS A PERSON WOULD MAKE AS HE PROGRESSES THROUGH SCHOOL, PREPARES FOR A JOB, AND ENTERS MARRIAGE AND FAMILY LIFE. THE PURPOSES OF THE GAME ARE TO GIVE PUPILS SOME UNDERSTANDING OF EDUCATIONAL AND CAREER CHOICES, PROVIDE EXPERIENCES IN PLANNING FOR THEIR OWN FUTURE, AND PROVOKE THOUGHT ABOUT THE NATURE OF THE "GOOD LIFE." THE GAME IS PRESENTED AS A SUPPLEMENT TO THE FINAL REPORT OF OEG-HRD-131-65, ACCESSION NUMBER ED010 076, ENTITLED "CAREER SIMULATION FOR SIXTH-GRADE PUPILS." (JH)

**ED 010 078** 64  
 CONFERENCE ON THE USE OF PRINTED AND AUDIO-VISUAL MATERIALS FOR INSTRUCTIONAL PURPOSES.  
 BY- TAUBER, MAURICE F. AND OTHERS  
 COLUMBIA UNIV. SCHOOL OF LIBRARY SERVICE, NEW YORK  
 REPORT NUMBER NDEA-VIB-546   PUB DATE         FEB 68  
 CONTRACT OEC-S-18-034  
 EDRS PRICE MF-\$0.36 HC-\$10.24    236P.

DESCRIPTORS- \*AUDIOVISUAL AIDS, \*CONFERENCES, \*INSTRUCTIONAL MATERIALS, \*MEDIA DEVELOPMENT, \*PUBLICATIONS, BOOKS, DATA PROCESSING, EDUCATIONAL RESEARCH, EDUCATIONAL RESOURCES, EXHIBITS, FILMS, INSTRUCTIONAL TECHNOLOGY, LIBRARY SERVICES, MEDIA RESEARCH, NEW YORK, PERIODICALS, REFERENCE MATERIALS,

A 2-DAY CONFERENCE WAS HELD AT THE SCHOOL OF LIBRARY SCIENCE, COLUMBIA UNIVERSITY, TO ASSESS THE STATUS OF THE USE OF PRINTED AND AUDIOVISUAL MATERIALS FOR INSTRUCTION, TO ANALYZE STUDIES AND PRACTICE, AND TO STIMULATE THE INTEREST AND PARTICIPATION OF SPECIALISTS IN THE INSTRUCTIONAL MATERIALS AREA. THE FIRST STEP TAKEN WAS TO EXAMINE THE FUNDAMENTAL USES OF THESE MATERIALS AT THREE EDUCATIONAL LEVELS--(1) ELEMENTARY, (2) SECONDARY, AND (3) COLLEGE/UNIVERSITY. THEN THE NUMEROUS AVAILABLE MATERIALS WERE DESCRIBED, ANALYZED, AND EVALUATED ON SEPARATE BASES, INCLUDING (1) GENERAL BOOKS AND TEXTBOOKS, (2) REFERENCE BOOKS, (3) PERIODICALS AND OTHER SERIALS, (4) AUDIOVISUAL MATERIALS, (5) EXHIBITS, MODELS, AND GRAPHIC MATERIALS, AND (6) MOTION PICTURES. ADDITIONAL TOPICS DISCUSSED AT THE CONFERENCE WERE THE INTERACTION OF OTHER MEDIA ON CONVENTIONAL BOOK USE, INSTRUCTION IN THE USE OF LIBRARIES AND LIBRARY USE BY STUDENTS, CHANGING METHODS IN EDUCATIONAL PUBLISHING, AND POSSIBLE APPLICATION OF DOCUMENTATION AND

INFORMATION RETRIEVAL FOR INSTRUCTIONAL PURPOSES. A BROAD RECAPITULATION OF RECOMMENDATIONS WAS PREPARED ON EACH OF THE CONFERENCE TOPICS AS THE FINAL EFFORT OF THIS PROGRAM. (JH)

**ED 010 079** 24

A STUDY OF THE EFFECTS OF ROOM TEMPERATURE ON LEARNING.

BY- HANSEN, BURDETT P.

UNIVERSITY OF IOWA, COLL. OF EDUCATION, IOWA CITY

REPORT NUMBER CRP-S-415

PUB DATE FEB 66

REPORT NUMBER BR-S-8368

EDRS PRICE MF-\$0.36 HC-\$0.20 230P.

DESCRIPTORS- #BEHAVIORAL SCIENCES, #CLASSROOM ENVIRONMENT, #CONTROLLED ENVIRONMENT, #ENVIRONMENTAL INFLUENCES, #TEMPERATURE, ACADEMIC ACHIEVEMENT, FIFTH GRADE, IOWA, IOWA CITY, LEARNING,

THE EFFECTS OF A CONTROLLED THERMAL ENVIRONMENT ON PUPIL LEARNING WERE ANALYZED. APPROXIMATELY 20 MATCHED PAIRS OF FIFTH-GRADE STUDENTS WERE SELECTED. TWO GROUPS WERE USED--ONE FOR AN IDEAL THERMAL ENVIRONMENT AND THE OTHER FOR A DEVIATE THERMAL ENVIRONMENT. THE STUDENTS WERE MATCHED BY INTELLIGENCE TEST SCORES, ACHIEVEMENT TEST RESULTS, SEX, AGE, AND FAMILY BACKGROUND. THE CLASSROOMS WERE IDENTICAL IN ALL PHYSICAL ASPECTS. TEACHING INSTRUCTION FOR BOTH GROUPS WAS IDENTICAL, AND A WEEKLY ACHIEVEMENT SCORE WAS COLLECTED FROM ALL PARTICIPATING STUDENTS. THE STUDY LASTED ALMOST NINE SCHOOL WEEKS. RESULTING DATA WAS STATISTICALLY ANALYZED USING VARIANCE PROCEDURES. THE CONCLUSION REACHED BY THIS STUDY WAS THAT STUDENT LEARNING IS NOT AFFECTED BY ATTENDING SCHOOL IN A CONTROLLED IDEAL THERMAL ENVIRONMENT. (JH)

**ED 010 080** 24

MAJOR TRENDS IN INTERDENOMINATIONAL ADULT EDUCATION, 1936-1964.

BY- STOKES, KENNETH I.

UNIVERSITY OF CHICAGO

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PUB DATE 66

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DESCRIPTORS- #ADULT EDUCATION, #EDUCATIONAL TRENDS, #HISTORICAL REVIEWS, #INTERFAITH RELATIONS, #RELIGIOUS EDUCATION, CHICAGO, CHURCH PROGRAMS, COOPERATIVE PROGRAMS, ILLINOIS, INTERGROUP EDUCATION, NATIONAL SURVEYS, PROTESTANTS, RELIGIOUS ORGANIZATIONS,

A HISTORICAL SURVEY ON COOPERATIVE PROTESTANT ADULT EDUCATION IN AMERICA WAS CONDUCTED TO SYSTEMATIZE THE MAJOR DEVELOPMENTS IN THIS FIELD AND TO PROVIDE AN INTRODUCTION FOR THE BEGINNER IN THIS FIELD. THE SURVEY WAS FOCUSED UPON ACTIVITIES AND PROGRAMS DEVELOPED COOPERATIVELY BY DENOMINATIONS AND INTERDENOMINATIONAL AGENCIES AT THE NATIONAL LEVEL DURING THE PERIOD FROM 1936 THROUGH 1964. BASED UPON PRESELECTED CRITERIA, FOUR DENOMINATIONS WERE SELECTED FOR PROVIDING MUCH OF THE REQUIRED RESOURCE DATA. THESE WERE--(1) THE UNITED PRESBYTERIAN CHURCH, U.S.A., (2) THE CHRISTIAN CHURCH (DISCIPLES OF CHRIST), (3) THE CHURCH OF THE BRETHREN, AND (4) THE METHODIST CHURCH. CONCLUSIONS OF THE STUDY WERE BROKEN DOWN INTO THE FOLLOWING ELEMENTS--(1) MAJOR TRENDS IN THE PHILOSOPHY OF INTERDENOMINATIONAL ADULT EDUCATION, (2) MAJOR CURRICULUM TRENDS IN THIS FIELD OF

EDUCATION, (3) MAJOR METHODOLOGICAL TRENDS IN THE FIELD, (4) SIGNIFICANT TURNING POINTS THAT BROUGHT ABOUT PATTERNS OF CHANGE, (5) CHANGES IN RELATIONSHIP OF INTERDENOMINATIONAL PLANNING AND DENOMINATIONAL PROGRAMING, (6) MAJOR SOCIETAL FACTORS OF INFLUENCE, AND (7) WAYS IN WHICH DEVELOPMENTS IN ADULT AND RELIGIOUS EDUCATION INFLUENCED CORRESPONDING DEVELOPMENTS IN COOPERATIVE INTERDENOMINATIONAL ADULT EDUCATION. FURTHER RESEARCH AND CONTINUED DEVELOPMENT IN THIS AREA WAS RECOMMENDED. AT THE TERMINAL POINT OF THIS STUDY, ADULT EDUCATION WAS JUST BEGINNING TO BE RECOGNIZED FOR ITS IMPORTANCE IN CONTEMPORARY CHURCH LIFE. (JH)

**ED 010 081** 24

AN EXPERIMENTAL STUDY IN THE USE OF PROGRAMED MATERIALS FOR SEVENTH-GRADE OPEN-ENDED LABORATORY EXPERIENCES.

BY- CARNES, PHYLLIS E.

UNIVERSITY OF GEORGIA, ATHENS

REPORT NUMBER BR-S-8068

PUB DATE 66

EDRS PRICE MF-\$0.36 HC-\$0.48 227P.

DESCRIPTORS- #EFFECTIVE TEACHING, #GENERAL SCIENCE, #PROBLEM SOLVING, #PROGRAMED INSTRUCTION, #SCIENCE LABORATORY, ATHENS, EDUCATIONAL EXPERIENCES, GEORGIA, INSTRUCTIONAL TECHNOLOGY, SEVENTH GRADE,

A NONPROGRAMED METHOD FOR TEACHING SEVENTH-GRADE GENERAL SCIENCE WAS STUDIED, USING A PROBLEM-SOLVING APPROACH THROUGH SELECTED, OPEN-ENDED, LABORATORY EXPERIENCES. PARTICULAR REFERENCE WAS GIVEN TO ANY STUDENT CHANGES IN (1) FACTUAL GAINS, (2) SUBJECT-MATTER COMPETENCY, (3) COMPREHENSION OF SCIENTIFIC CONCEPTS, PRINCIPLES, AND GENERALIZATIONS, AND (4) SCIENTIFIC INTERESTS. THE STUDENT SAMPLE WAS ASSIGNED TO FOUR ACADEMIC TEAMS OF FOUR TEACHERS EACH IN THE RESPECTIVE AREAS OF ENGLISH, MATHEMATICS, HISTORY, AND SCIENCE. THIS TEAM-STUDENT POPULATION WAS DIVIDED INTO 2 SECTIONS, WITH EACH SECTION HAVING APPROXIMATELY 30 STUDENTS, THUS PROVIDING 2 EXPERIMENTAL AND 2 CONTROL STUDY GROUPS. THE PROGRAM DEVELOPED FOR THE STUDY CONTAINED IN ITS FINAL VERSION 6 LESSONS OF AN INTERDISCIPLINARY NATURE TOTALING 390 LINEAR FRAMES. DATA WERE OBTAINED FROM THE FOLLOWING SOURCES--(1) ACADEMIC AND GUIDANCE RECORDS, (2) RESULTS FROM A GENERAL INTEREST SURVEY AND UNIT PRE-AND POST-TESTS, (3) RESULTS FROM AN EVALUATIVE QUESTIONNAIRE, AND (4) RECORDS OF NUMBER OF FRAMES MISSED IN EACH PROGRAMED LESSON. THE OPEN-ENDED, PROBLEM-SOLVING ASPECT OF THE PROGRAM WAS USED WITH BOTH EXPERIMENTAL AND CONTROL GROUPS. ONLY THE EXPERIMENTAL GROUPS, HOWEVER, RECEIVED PROGRAMED INSTRUCTION. IN THE END THE ACHIEVEMENT OF THE CONTROL GROUPS, AS MEASURED BY THE FACTUAL, CONCEPTUAL, AND TOTAL POST-TEST SCORES, WAS SIGNIFICANTLY HIGHER THAN THAT OF THE EXPERIMENTAL GROUPS. THUS, THE NONPROGRAMED METHOD APPEARED THE BETTER FOR INSTRUCTIONAL PURPOSES. A NUMBER OF OTHER AREAS WERE SUGGESTED FOR ADDITIONAL RESEARCH IN THE FIELDS OF GENERAL SCIENCE AND PROGRAMED INSTRUCTION BASED UPON THE RESULTS. (JH)

**ED 010 082** 24

INSERVICE DESIGN FOR A SMALL SCHOOL DISTRICT.

BY- HAGN, AUBREY S.

FREDERIC BURK FOUND. FOR EDUCATION, SAN FRANCISCO

REPORT NUMBER CRP-S-403

PUB DATE 30 JUN 66

CONTRACT OEC-OF-8-10-368

## REPORT RESUMES

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EDRS PRICE MF-80.09 HC-81.96 48P.

DESCRIPTORS- \*DEMONSTRATIONS (EDUCATIONAL), \*INSERVICE TEACHER EDUCATION, \*SEMINARS, \*SOCIAL STUDIES, \*WORKSHOPS, CALIFORNIA, MENLO PARK, SAN FRANCISCO,

THE OBJECTIVES OF THE SUMMER SCHOOL WORKSHOP PROGRAM WERE (1) TO UPGRADE THE TEACHING OF SOCIAL STUDIES AS OUTLINED IN "THE SOCIAL STUDIES FRAMEWORK FOR PUBLIC SCHOOLS IN CALIFORNIA," (2) TO STRENGTHEN LOCAL DISTRICT LEADERSHIP IN THE AREA OF SOCIAL STUDIES, (3) TO FOCUS UPON ORGANIZING CENTERS FOR UNITS OF WORK TAUGHT IN SUMMER DEMONSTRATION SCHOOL, (4) TO ENCOURAGE TEACHERS TO USE THE INQUIRY APPROACH TO FOSTER THE DEVELOPMENT OF COGNITIVE ABILITY IN CHILDREN, AND (5) TO FOCUS TEACHER ATTENTION UPON N. E. A. BULLETIN "GUIDING CHILDREN THROUGH THE SOCIAL STUDIES." THE PROGRAM WAS PLANNED SO THAT DEMONSTRATION CLASSES OF SOCIAL STUDIES, GRADES THREE AND SIX, WERE OBSERVED BY THE WORKSHOP GROUP. SEMINARS, FOLLOWING THESE DEMONSTRATIONS, WERE LED BY THE DIRECTOR OF THE WORKSHOP. WORK PERIODS FOR THE WORKSHOP GROUPS WERE INCLUDED, DURING WHICH THE WORKSHOP STAFF SERVED IN A CONSULTING CAPACITY. THE WORK PERIODS WERE DEVOTED TO PLANNING AND WORKING FOR THE INCORPORATION OF WORKSHOP IDEAS INTO THE STRUCTURE OF SOCIAL STUDIES CURRICULUM. INDICATION SHOWS THAT, AFTER THE FIRST YEAR'S RESEARCH STUDY, THE INSERVICE DESIGN IS SOUND AND THE PURPOSES OF THE PROGRAM ARE BEING ACHIEVED. WORKSHOPS PLANNED AROUND DEMONSTRATION TEACHING, OBSERVATION, SEMINARS, AND WORK PERIODS ARE AN EFFECTIVE MEANS TO INDUCE NEW PERSPECTIVES BOTH ABOUT THE NATURE OF THE CURRICULUM AREA AND TEACHING INVOLVED. (GC)

ED 010 083 24

AN INTER-DISCIPLINARY APPROACH TO IMPROVING THE DEVELOPMENT OF CULTURALLY DISADVANTAGED CHILDREN.

BY GORDON, IRA J. AND OTHERS  
UNIVERSITY OF FLORIDA, GAINESVILLE.

REPORT NUMBER BR-5-0688  
CONTRACT OEC-5-85-080

EDRS PRICE MF-80.18 HC-84.92 123P.

PUB DATE 66

DESCRIPTORS- \*CULTURAL DISADVANTAGEMENT, \*EDUCATION MAJORS, ELEMENTARY SCHOOLS, \*JUNIOR HIGH SCHOOL, \*TUTORIAL SERVICES, COLLEGE STUDENTS, FLORIDA, GAINESVILLE, NEGRO STUDENTS, TUTORING,

THIS IS THE TUTORIAL PROGRAM OF THE INTERDISCIPLINARY PROGRAM TO IMPROVE THE DEVELOPMENT OF CULTURALLY DISADVANTAGED CHILDREN. THE OBJECTIVES WERE TO (1) IMPROVE PUPILS' ATTITUDES TOWARD TEACHERS AND SCHOOLS, (2) IMPROVE PUPILS' SELF-CONCEPTS IN THE AREAS OF ACADEMIC ABILITY, AND (3) INCREASE PUPILS' GENERAL LEVEL OF PHYSICAL HEALTH. THE TUTORING POPULATION WERE EDUCATION MAJORS IN THE BEGINNING PSYCHOLOGICAL FOUNDATION COURSES WHO PREPARED AND MAINTAINED COMPLETE DIARIES OF TUTORIAL SESSIONS WHICH WERE SUBMITTED WEEKLY TO CLASSROOM TEACHERS AND THE STUDENT'S PROFESSOR. THE 60 PUPILS SELECTED FOR TUTORING 1 HOUR A WEEK FOR 20 SESSIONS WERE FROM A THEN-NEGRO ELEMENTARY SCHOOL, A THEN-WHITE ELEMENTARY SCHOOL, AND A THEN-WHITE JUNIOR HIGH SCHOOL WHICH SERVED THE LOWER CLASS SECTION OF TOWN. PHYSICIANS AND NURSING STUDENTS WERE USED WHERE PHYSICAL CONDITION AFFECTED SCHOLASTIC PERFORMANCE. PHYSICAL EXAMINATION RECORDS, BEHAVIOR DESCRIPTION CHARTS, SELF-CONCEPT INVENTORIES, HOME

AND STUDENT INTERVIEWS, ATTENDANCE RECORDS, AND TUTORIAL EVALUATION FORMS WERE THE DATA SOURCES. CONCLUSIVE RESULTS WERE NOT OBTAINED. SUGGESTIONS AND RECOMMENDATIONS ARE INCLUDED. (GC)

ED 010 084 24

A PILOT RESEARCH STUDY OF ART FACILITIES IN SIX COLLEGES AND UNIVERSITIES.

BY BENSON, EMANUEL H.

PRATT INSTITUTE, BROOKLYN

REPORT NUMBER BR-6-1281

CONTRACT OEC-6-10-258

EDRS PRICE MF-80.09 HC-82.36 59P.

PUB DATE MAR 68

DESCRIPTORS- \*ART ACTIVITIES, \*ART EDUCATION, \*FACILITY EXPANSION, \*PLANNING, \*SURVEYS, BROOKLYN, CLEVELAND INSTITUTE OF ART, EDUCATIONAL FACILITIES, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NEW YORK, NEW YORK UNIVERSITY, SARAH LAWRENCE COLLEGE, UNIVERSITY OF MICHIGAN,

THE PURPOSE OF THIS PROJECT WAS TO DEFINE SOME OF THE ISSUES THAT UNDERLINE CURRICULAR AND SPACE DECISION MAKING IN THE VISUAL ARTS AND TO MAKE CONSTRUCTIVE OBSERVATIONS THAT MAY SERVE AS GUIDELINES. VISITS OF A WEEK OR TWO TO EACH OF THE SIX INSTITUTIONS WERE MADE AND INTERVIEWS CONDUCTED WITH ADMINISTRATORS, TEACHERS, AND STUDENTS. OF THE SIX INSTITUTIONS STUDIED, THE CLEVELAND INSTITUTE OF ART HAS ACHIEVED A PHYSICAL PLANT IT CONSIDERS ADEQUATE FOR ITS NEEDS NOW AND IN THE FORESEEABLE FUTURE. NEW YORK UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE UNIVERSITY OF MICHIGAN HAVE PERMANENT LONG-RANGE PROFESSIONAL PLANNING DEPARTMENTS. PRATT INSTITUTE HAS A NEWLY HIRED STAFF MEMBER, AN ARCHITECTURAL CONSULTANT, WHO IS ATTEMPTING TO EVALUATE SPACE NEEDS AND PREPARE RECOMMENDATIONS FOR AN ALREADY APPOINTED ARCHITECTURAL FIRM TO CONSIDER. SARAH LAWRENCE HAS RETAINED THE CONSULTANT SERVICES OF A WELL-KNOWN CAMPUS PLANNER. (GC)

ED 010 085 24

SOCIAL SCIENCE EDUCATION CONSORTIUM--RESEARCH AND DEVELOPMENT FOR GRADES K-12.

BY MORRISSETT, IRVING AND OTHERS  
PURDUE UNIV., LAFAYETTE, IND.

REPORT NUMBER BR-5-0819

CONTRACT OEC-6-10-327

EDRS PRICE MF-80.81 HC-820.12 803P.

PUB DATE 24 JUN 68

DESCRIPTORS- \*CURRICULUM DEVELOPMENT, \*CURRICULUM RESEARCH, \*RESEARCH METHODOLOGY, \*SOCIAL SCIENCES, CONFERENCES, INDIANA, LAFAYETTE,

THE REPORT IS AN EXTENSION AND CONTINUATION OF THE SOCIAL SCIENCE EDUCATION CONSORTIUM WHICH EXPLORED WAYS OF OBTAINING GREATER COOPERATION AND COMMUNICATION AMONG THE VARIOUS EDUCATORS WHO ARE CONCERNED WITH CREATIVE INNOVATION IN SOCIAL SCIENCE EDUCATION. THE FOUR PARTS OF THIS REPORT CONTAIN (1) CONTENT FOR SOCIAL SCIENCE EDUCATION--A CONFERENCE REPORT ON CONCEPTS AND STRUCTURE IN THE NEW SOCIAL SCIENCE CURRICULA, (2) THE TEACHER--A SURVEY OF SOCIAL STUDIES CURRICULA AND TEACHING, CLASSROOM RESEARCH ON SUBGROUP EXPERIENCES IN A U.S. HISTORY CLASS, (3) VALUES IN THE CLASSROOM--MORALITY, VALUES CLAIMS IN THE SOCIAL

SCIENCES, STUDENT VALUES AS EDUCATIONAL OBJECTIVES, AND (4) THE METHODOLOGY OF EVALUATION. THE FIRST PART OF THIS FINAL REPORT IS OE-8-10-174 (ED010086) AND CONTAINS THE BACKGROUND AND RESULTS, COMMUNICATION AND LIAISON, CHILD DEVELOPMENT AND SOCIAL SCIENCE EDUCATION, AND OTHER REPORTS OF CONTENT FOR SOCIAL SCIENCE EDUCATION. THE TWO REPORTS SHOULD BE READ TOGETHER FOR A COMPLETE PICTURE OF THIS PERIOD OF DEVELOPMENT OF THE CONSORTIUM. (6C)

**ED 010 086 24**

TO AID IN THE DEVELOPMENT OF SOCIAL SCIENCE EDUCATION IN THE MIDWEST.

BY- MORRISSETT, IRVING AND OTHERS  
PURDUE UNIV., LAFAYETTE, IND.

REPORT NUMBER BR-3-0679

PUB DATE 66

REPORT NUMBER CRP-K-001

CONTRACT OEC-5-10-174

EDRS PRICE MF-80.63 HC-818.40 460P.

DESCRIPTORS- #CONFERENCE, #CURRICULUM DEVELOPMENT,  
#CURRICULUM RESEARCH, #RESEARCH METHODOLOGY, #SOCIAL  
SCIENCES, ANTHROPOLOGY, CURRICULUM GUIDES, ECONOMICS,  
GEOGRAPHY, INDIANA, LAFAYETTE, POLITICAL SCIENCE, RESEARCH  
OPPORTUNITIES.

THE SOCIAL SCIENCE EDUCATION CONSORTIUM EXPLORED WAYS OF OBTAINING GREATER COOPERATION AND COMMUNICATION AMONG THE VARIOUS KINDS OF PEOPLE WHO ARE CONCERNED WITH CREATIVE INNOVATION IN SOCIAL SCIENCE EDUCATION--INCLUDING CLASSROOM TEACHERS, CURRICULUM DIRECTORS, SCHOOL ADMINISTRATORS, UNIVERSITY EDUCATORS, AND SOCIAL SCIENTISTS. THE BASIC NEEDS FOR WHICH THE CONSORTIUM WAS FORMED ARE--(1) INCREASING DESIRE AND READINESS ON THE PART OF MANY SCHOOL SYSTEMS FOR MORE ACADEMICALLY ORIENTED SOCIAL STUDIES CURRICULA, (2) INCREASING INTEREST AMONG SOCIAL SCIENTISTS AND EDUCATORS IN COOPERATING TO MEET THESE NEEDS, (3) LACK OF ADEQUATE MECHANISMS FOR CHANNELING, ORGANIZING, AND COORDINATING THESE DESIRES AND INTERESTS, (4) INADEQUATE COMMUNICATION AMONG CURRICULUM PROJECTS, AND (5) INADEQUATE COMMUNICATION AND WORKING RELATIONSHIPS BETWEEN CURRICULUM PROJECTS AND SCHOOLS AND EDUCATORS. THE FOUR PARTS OF THIS REPORT CONTAIN (1) BACKGROUND AND RESULTS--ORIGIN, PURPOSE, AND OVERVIEW OF CONSORTIUM, (2) COMMUNICATION AND LIAISON--NEWSLETTERS AND OTHER PUBLICATIONS, CONFERENCES, VISITS AND OTHER SCHOLARLY LIAISON, MATERIALS LIBRARY AND MATERIALS ANALYSIS, AND ADMINISTRATION, (3) CHILD DEVELOPMENT AND SOCIAL SCIENCE EDUCATION--PROBLEM REVIEW, DEVELOPMENT RESEARCH CONFERENCE REPORT, LITERATURE ABSTRACTS, AND TEACHING STRATEGIES, (4) CONTENT FOR SOCIAL SCIENCE EDUCATION--RETRIEVING SOCIAL SCIENCE KNOWLEDGE FOR SECONDARY CURRICULUM DEVELOPMENT, REPORTS ON SOCIOLOGY, THE STRUCTURE OF GEOGRAPHY, A SYSTEM APPROACH TO POLITICAL LIFE, THE POLITICAL SYSTEM, ANTHROPOLOGY AND ECONOMICS. THE CONTINUATION OF THIS FINAL REPORT IS CONTAINED IN OE-8-10-327 (ED010085), THE TWO REPORTS SHOULD BE READ TOGETHER FOR A COMPLETE PICTURE OF THIS PERIOD OF DEVELOPMENT OF THE CONSORTIUM. (6C)

**ED 010 087 24**

PROJECT TALENT, 1-YEAR FOLLOW-UP STUDIES.

BY- FLANAGAN, JOHN C. COOLEY, WILLIAM W.  
UNIVERSITY OF PITTSBURGH, SCHOOL OF EDUCATION  
REPORT NUMBER CRP-2333

EDRS PRICE MF-80.54 HC-814.68 387P.

DESCRIPTORS- #CAREER PLANNING, #EDUCATIONAL PLANNING,  
#FOLLOW-UP PROGRAMS, #OCCUPATIONAL CHOICE, #YOUTH PROBLEMS,  
HIGH SCHOOL GRADUATES, HIGH SCHOOL STUDENTS, INDIVIDUAL  
DEVELOPMENT, NATIONAL SURVEYS, PENNSYLVANIA, PITTSBURGH,  
PROJECT TALENT, SUPPLEMENTARY PROGRAMS.

THE "PROJECT TALENT" FOLLOWUP STUDIES WERE CONCERNED WITH VARIOUS ASPECTS OF CAREER DEVELOPMENT OF AMERICAN YOUTH, CONSISTING PRIMARILY OF THE EDUCATIONAL AND VOCATIONAL PLANS AND DECISIONS WHICH ONE MAKES DURING HIGH SCHOOL AND IMMEDIATELY FOLLOWING HIGH SCHOOL. RELATIONSHIPS WERE SOUGHT BETWEEN TRAITS EXHIBITED BY STUDENTS IN HIGH SCHOOL AND THEIR SUBSEQUENT VOCATIONAL BEHAVIOR. IN 1960 A PROBABILITY SAMPLE WAS DRAWN FROM 400,000 STUDENTS IN GRADES 9 THROUGH 12, REPRESENTING APPROXIMATELY 5 PERCENT OF THE HIGH SCHOOLS IN THE UNITED STATES. EACH OF THESE STUDENTS WAS ADMINISTERED A BATTERY OF TESTS DESIGNED TO MEASURE APTITUDES AND ABILITY, INTERESTS AND TEMPERAMENT, STUDENT ACTIVITIES, HOME BACKGROUND, AND PLANS FOR THE FUTURE. THE IMMEDIATE PROJECT WAS CONCERNED WITH FOLLOWUP STUDIES OF THIS ORIGINAL SAMPLE UNDERTAKEN WHEN EACH GRADE WAS 1 YEAR OUT OF HIGH SCHOOL AND STAGGERED SO THAT EACH OF THE FOUR GRADES WAS FOLLOWED UP IN A SEPARATE YEAR. EACH GRADE RECEIVED SEVERAL WAVES OF A MAILED QUESTIONNAIRE, SPACED ABOUT 1 MONTH APART. PUNCHED CARDS WERE USED TO PROCESS THE RETURNED QUESTIONNAIRES. A SAMPLE OF NONRESPONDENTS WAS THEN DRAWN (USUALLY 5 PERCENT) AND SOUGHT OUT THROUGH FIELD SURVEYS. DATA GATHERED FROM THESE PERSONS MADE IT POSSIBLE TO ESTIMATE THE CHARACTERISTICS OF THE TOTAL NONRESPONDENT POPULATION AND COMBINE THEM WITH THOSE OF RESPONDENTS. THE COLLECTED DATA REVEALED FACTS WITH RESPECT TO WHAT THESE YOUNG PEOPLE WERE DOING AND THINKING IN THEIR FIRST YEAR OUT OF HIGH SCHOOL INVOLVING THEIR SCHOOLS, JOBS, MARRIAGES, AMBITIONS, AND FRUSTRATIONS. WITH RESPECT TO FURTHER RESEARCH, 3-, 10-, AND 20-YEAR FOLLOWUP STUDIES WITH THIS SAME POPULATION WERE ALSO PLANNED AS SUPPLEMENTARY PROGRAMS. (JH)

**ED 010 088 24**

PROCEDURES FOR IDENTIFYING PERSONS WITH POTENTIAL FOR PUBLIC SCHOOL ADMINISTRATIVE POSITIONS.

BY- MORPHET, EDGAR L. SCHULTZ, WILLIAM C.  
UNIVERSITY OF CALIFORNIA, BERKELEY CAMPUS

REPORT NUMBER CRP-1076

PUB DATE JAN 66

CONTRACT OEC-SAE-9030

EDRS PRICE MF-80.54 HC-813.84 348P.

DESCRIPTORS- #ADMINISTRATIVE PERSONNEL, #IDENTIFICATION,  
#PREDICTIVE MEASUREMENT, #QUALIFICATIONS, #SCHOOL  
ADMINISTRATION, ABILITY IDENTIFICATION, ADMINISTRATOR ROLE,  
BERKELEY, CALIFORNIA, INDIVIDUAL CHARACTERISTICS, PRINCIPALS,  
SCHOOL DISTRICTS, SCHOOL ENVIRONMENT, SUPERINTENDENTS.

INFORMATION WAS DEVELOPED ON THE INDIVIDUAL TRAITS OF PUBLIC SCHOOL ADMINISTRATORS (SPECIFICALLY SUPERINTENDENTS AND PRINCIPALS), THE DIMENSIONS OF SOCIAL SETTINGS SURROUNDING THEIR ACTIVITIES, AND CRITERIA OF ADMINISTRATIVE EFFECTIVENESS FOR THE PURPOSE OF COMBINING MEASURES OF THESE VARIABLES IN SUCH A WAY AS TO PREDICT ADMINISTRATIVE SUCCESS. THIS STUDY FOLLOWED AN EARLIER COOPERATIVE RESEARCH PROJECT (677) IDENTIFIED AS THE PILOT STUDY. BOTH STUDIES WERE

CONDUCTED TO DEVELOP BETTER PROCEDURES THAN THOSE AVAILABLE FOR IDENTIFYING PERSONS WHO HAVE THE POTENTIAL CHARACTERISTICS AND ABILITIES NEEDED TO SERVE EFFECTIVELY IN ADMINISTRATIVE POSITIONS OF PUBLIC SCHOOLS. DATA FOR BOTH STUDIES WERE OBTAINED FROM OVER 7,000 PERSONS (ALMOST 5,850 IN THE LATER PROJECT) IN SCHOOL DISTRICTS THROUGHOUT THE STATE OF CALIFORNIA BY MEANS OF QUESTIONNAIRES AND INTERVIEWS AND FROM PREVIOUS WORK IN THE SUBJECT FIELD. THE LARGE SAMPLE OF PERSONS USED INCLUDED SCHOOL BOARD MEMBERS, SUPERINTENDENTS, PRINCIPALS, OTHER SCHOOL STAFF MEMBERS, TEACHERS, AND PARENTS. THE HYPOTHESIS OF THE STUDY WAS THAT THE PREDICTABILITY OF ADMINISTRATIVE EFFECTIVENESS FROM INDIVIDUAL MEASURES IS ENHANCED SIGNIFICANTLY BY CONSIDERATIONS OF THE TYPE OF DISTRICTS IN WHICH AN ADMINISTRATOR WORKS. ACKNOWLEDGING CERTAIN SHORTCOMINGS DISCUSSED IN THE STUDY, THIS HYPOTHESIS WAS STRONGLY CONFIRMED. SUCCESSFUL ADMINISTRATORS SHOWED DIFFERENT CHARACTERISTICS IN DIFFERENT TYPES OF DISTRICTS OFTEN CONSISTENT WITH STEREOTYPES. FOR EXAMPLE, SOME ADMINISTRATORS REFLECTED THE PROVINCIALISM AND CONSERVATION OF A SMALL SCHOOL DISTRICT; OTHERS, THE MORE SOPHISTICATED ATTITUDES IN A SUBURBAN DISTRICT. VIRTUALLY ALL OF THE MEASURES DERIVED THEORETICALLY PROVED TO BE EMPIRICALLY POWERFUL PREDICTORS OF ADMINISTRATIVE SUCCESS. (JH)

**ED 010 089**

24

INFLUENCES ON STUDENTS' UNDERSTANDING OF SCIENCE.

BY- CRUMB, GLENN H.; ABEGG, GERALD L.  
KANSAS STATE TEACHERS COLLEGE, EMPORIAREPORT NUMBER CRP-S-399-65  
EDRS PRICE MF-80.18 HC-83.52PUB DATE 31 MAY 66  
88P.

DESCRIPTORS- #CHEMISTRY, #PHYSICS INSTRUCTION, #SCIENCE CURRICULUM, #SCIENCE INSTRUCTION, #TEACHING METHODS, EMPORIA, IOWA, IOWA TEST OF EDUCATIONAL DEVELOPMENT-SCIENCE TEST, KANSAS, MISSOURI, NEBRASKA, OTIS QUICK SCORING MENTAL ABILITIES TEST, PHYSICS CURRICULUM, SCIENCE COURSES, SCIENCE EDUCATION, TEACHER EVALUATION, THE TEST ON UNDERSTANDING SCIENCE (TOURS),

IT WAS THE PURPOSE OF THIS RESEARCH TO ASSESS THE CONTRIBUTION OF CERTAIN SCIENCE COURSES AND OTHER FACTORS THAT MAY INFLUENCE STUDENTS' UNDERSTANDING OF SCIENTISTS, THE AIDS AND METHODS OF SCIENCE, AND THE SCIENTIFIC ENTERPRISE. THE SAMPLE CONSISTED OF 1,275 PHYSICS STUDENTS AND 1,009 CHEMISTRY STUDENTS FROM HIGH SCHOOLS IN IOWA, KANSAS, NEBRASKA, AND MISSOURI. TESTS USED FOR DATA WERE THE TEST ON UNDERSTANDING SCIENCE (TOURS), IOWA TEST OF EDUCATIONAL DEVELOPMENT-SCIENCE TEST, AND OTIS QUICK SCORING MENTAL ABILITIES TEST. CLASSES WERE VISITED AND OBSERVATIONS WERE MADE OF TEACHERS' METHODS, MATERIALS USED, AND OTHER FACTORS WHICH SEEMED TO BE FACTORS OF DIFFERENCE BETWEEN THE CLASSES. THE ANALYSIS OF DATA BY USE OF A COMPUTER SHOWED THAT GAIN IN UNDERSTANDING SCIENCE DEPENDS UPON THE TEACHER REGARDLESS OF MATERIALS USED. ALSO, THE LOW MEAN GAIN CLASSROOM ACTIVITIES USED (A) TEACHER DEMONSTRATION-DISCUSSION, (B) TEACHER PROBLEM SOLUTION, (C) STUDENT READING ASSIGNMENT AND PROBLEM TRIAL, (D) STUDENT RECITATION, (E) THE SAME CYCLE WITH NEW MATERIAL, AND (F) LABORATORY EXPERIMENTATION OVER MATERIALS STUDIED IN (A)-(E). THE MEAN GAIN CLASSROOM ACTIVITIES USED (A) INTRODUCTION TO LABORATORY, (B) LABORATORY, (C) POSTLABORATORY DISCUSSION, (D) PROBLEM SOLUTION BY CLASS, (E)

STUDENT READING AND PROBLEM SOLUTION ASSIGNMENT, (F) TEACHER-CLASS PROBLEM SOLUTION, AND (G) LABORATORY INTRODUCTION ON NEW MATERIAL. (GC)

**ED 010 090**

24

THE RELATIONSHIP OF CERTAIN PREDICTION AND SELF-EVALUATION DISCREPANCIES TO ART PERFORMANCE AND ART JUDGMENT.

BY- HARVEY, THEODORE E.  
KENT STATE UNIV., OHIOREPORT NUMBER CRP-S-484-65  
CONTRACT OEC-6-10-264  
EDRS PRICE MF-80.18 HC-82.00PUB DATE 66  
72P.

DESCRIPTORS- #ART APPRECIATION, #ART EDUCATION, #ART EXPRESSION, #PREDICTIVE ABILITY (TESTING), #SELF-EVALUATION, ART, EDUCATIONAL RESEARCH, KENT, OHIO, PREDICTIVE MEASUREMENT, SELF-CONCEPT,

NINTH-GRADE STUDENTS WERE SELECTED AS A SAMPLE TO STUDY THE RELATIONSHIP OF CERTAIN PREDICTION AND SELF-EVALUATION DISCREPANCIES TO ART PERFORMANCE AND ART JUDGMENT. STUDENTS WERE REQUIRED TO DEVELOP AN OIL CRAYON DRAWING, RESULTING FROM AN IMAGINARY SENTENCE SPOKEN TO AND SEEN BY ALL PARTICIPANTS. PREDICTIONS OF PERFORMANCE WERE ASKED PRIOR TO AND EVALUATIONS AFTER PERFORMANCE OF STUDENTS AND THEIR PEERS. RESPONSES TO A PROFESSIONAL OIL PAINTING WERE ASKED ON EACH OF EIGHT DESCRIPTIVE CRITERIA AND THE OVERALL CRITERIA. A PROFESSIONAL JUDGE-TEAM JUDGED BOTH THE STUDENT'S DRAWING AND THE PROFESSIONAL OIL PAINTING USING THE SAME CRITERIA. THE PEARSON PRODUCT-MOMENT COEFFICIENT, AND ANALYSIS-OF-VARIANCE TECHNIQUES WERE USED IN THE STUDY. THE CONCLUSIONS AND IMPLICATIONS FROM ANALYSES OF DATA SHOW THAT STUDENTS PREDICT THEIR ART PERFORMANCE IN AGREEMENT WITH JUDGE'S PROJECTIONS OF STUDENT ART ABILITY BASED ON THEIR WORK. THE PREDICTION OF STUDENT ART ABILITY BY THE JUDGES AGREES WITH STUDENT SELF-PREDICTION. THERE ARE INDICATIONS THAT STUDENT SELF-EVALUATIONS OF ART PERFORMANCE (GENERALIZED "GESTALT" SELF-EVALUATIONS) RELATE TO JUDGE'S ESTIMATES OF STUDENT ART PERFORMANCE ON MEASURES THAT ARE DESCRIPTIVE IN NATURE. THE STUDY ALSO INDICATES THE "GESTALT" MANNER OF JUDGING STUDENT ART PERFORMANCE IS AS RELIABLE AS SEPARATE DESCRIPTIVE CRITERIA. SEPARATE DESCRIPTIVE CRITERIA ARE THE MOST USEFUL WHEN THE INTENTION OF THE EVALUATION IS TO GUIDE STUDENT ART PROGRESS. CERTAIN ASPECTS OF ART JUDGMENT APPEAR PREDICTABLE THROUGH THE USE OF DISCREPANCY TECHNIQUES. DISCREPANCIES AND ART PERFORMANCE APPEAR LESS RELATED BY THIS STUDY. (GC)

**ED 010 091**

24

THE ABILITY OF CERTAIN PUPILS TO UNDERSTAND AND APPLY SELECTED CONCEPTS AND GENERALIZATIONS IN GEOGRAPHY.

BY- WALLACE, RICHARD C.  
BOSTON COLL., CHESTNUT HILL, MASS.  
REPORT NUMBER BR-S-6426  
REPORT NUMBER CRP-S-487  
EDRS PRICE MF-80.27 HC-85.92 148P.

DESCRIPTORS- #CONCEPT FORMATION, #CONCEPT TEACHING,  
#EDUCATIONAL RESEARCH, #PRIMARY EDUCATION, #SOCIAL STUDIES,  
GEOGRAPHY, MASSACHUSETTS, PRIMARY GRADES, WESTON,

RESEARCH REPORTED HERE WAS DESIGNED TO DETERMINE THE

EFFECTS OF INDUCTIVE, DEDUCTIVE, AND INTUITIVE APPROACHES FOR TEACHING SELECTED GEOGRAPHIC CONCEPTS. THE EXPERIMENT WAS CONDUCTED IN A CULTURALLY ADVANTAGED PRIMARY SCHOOL ENVIRONMENT USING INSTRUCTIONAL MATERIALS AND A CRITERION PRETEST AND POST-TEST. THE MATERIALS AND TESTS WERE DEVELOPED SPECIFICALLY FOR THIS STUDY TO TEACH THE SELECTED CONCEPTS AND TO EVALUATE UNDERSTANDING AS WELL AS THE ABILITY TO APPLY THE CONCEPTS. PREPARATIONS FOR THE STUDY INCLUDED ORIENTATION OF TEACHERS, SELECTION OF EXPERIMENTAL AND CONTROL GROUPS, AND PRETESTING THE PARTICIPATING CHILDREN. AFTER INSTRUCTION, POST-TESTS WERE ADMINISTERED, MACHINE PROCESSED, AND ANALYZED. RESULTS INDICATED ALL THREE APPROACHES WOULD BE SUCCESSFUL FOR TEACHING THE SELECTED CONCEPTS TO THE PRIMARY GROUP STUDIED. IT WAS CONCLUDED THAT GEOGRAPHIC CONCEPTS COULD BE TAUGHT AT THE SECOND- AND THIRD-GRADE LEVELS. THE DEDUCTIVE APPROACH WAS CONCLUDED TO BE MOST APPROPRIATE FOR TEACHING THE SELECTED CONTENT TO THE POPULATION STUDIED. SUGGESTIONS ARE PRESENTED FOR FURTHER STUDY OF CONCEPT FORMATION RELATED TO PRIMARY GRADE SOCIAL STUDIES. (INN)

ED 010 092 24

EFFECTS OF CLASS AND RACIAL BIAS ON TEACHER EVALUATION OF PUPILS.

BY- ROTTER, GEORGE S.

LONG ISLAND UNIV., BROOKLYN

REPORT NUMBER BR-5-8013

PUB DATE 66

REPORT NUMBER CRP-S-311

EDRS PRICE MF-80.27 HC-87.28 180P.

DESCRIPTORS- #BEHAVIOR PATTERNS, #RACE INFLUENCES, #STUDENT EVALUATION, #TEACHER CHARACTERISTICS, BROOKLYN, NEW YORK, RACIAL DIFFERENCES, SEX (CHARACTERISTICS), SOCIOECONOMIC STATUS, STUDENT BEHAVIOR, STUDENT CHARACTERISTICS, TEACHER ATTITUDES.

THE PARTICULAR FOCUS OF THIS STUDY WAS UPON THE EXTENT TO WHICH VALUES AND ATTITUDES OF TEACHERS INFLUENCE THEIR EVALUATION AND RATINGS OF STUDENTS OF VARYING CLASSES AND ETHNIC ORIGINS. IT WAS HYPOTHESIZED THAT TEACHERS WITH MIDDLE-CLASS BACKGROUNDS AND BIASES TEND TO EVALUATE MORE NEGATIVELY THOSE PUPILS IDENTIFIED AS BEING OF A LOW SOCIOECONOMIC CLASS OR AS NEGRO THAN THOSE IN THE MIDDLE CLASS OR WHITE RACE. INCLUDED IN THESE CONSIDERATIONS WERE TEACHER ATTITUDES ON NEUROSIS AND BEHAVIOR, ACHIEVEMENT, AND NURTURE. APPROXIMATELY 130 WHITE FEMALE TEACHERS WERE RECRUITED FOR THE STUDY SAMPLE. EACH TEACHER PARTICIPATED BY READING A PREPARED VIGNETTE, COMPLETING 80 ITEMS RELATING TO PUPIL EVALUATION, ANSWERING A SELF-DESCRIPTION SCALE, AND FILLING OUT A PERSONAL DATA SHEET (BUT REMAINING ANONYMOUS). STATISTICAL ANALYSIS OF DATA SHOWED THAT THE STATED HYPOTHESIS DID NOT RECEIVE CONFIRMATION IN THIS EXPERIMENT. FOR THE MOST PART, DIFFERENCES ON THE TEST ITEMS WERE NIL. WHEN THEY DID OCCUR, HOWEVER, THE RESPONSES FAVORED PUPILS IDENTIFIED AS NEGRO AND/OR LOW CLASS. NO OVERALL TREND COULD BE DISCERNED, WITH ONE EXCEPTION--NEGROES WERE RATED SUPERIOR TO WHITES IN CLASSROOM BEHAVIOR. THE ALMOST TOTAL LACK OF SIGNIFICANCE FOR RACE AND SEX AND THE VERY STRONG EFFECT OF SCHOOL BEHAVIOR SEEMED TO INDICATE VERY STRONG TEACHER IMPRESSIONS OF THE BEHAVIORAL ACTIONS OF STUDENTS. IN ADDITION, THE TENDENCY WAS TO RATE NEGRO/LOW-CLASS PUPILS MORE SUCCESSFUL OR ADJUSTED SOCIALLY THAN WHITE/MIDDLE-CLASS PUPILS BUT, AT THE SAME TIME, EVALUATE THEM LESS ADJUSTED

PSYCHOLOGICALLY. NOTHING IN THIS STUDY, THEREFORE, SUPPORTED THE COMMON NOTION THAT CLASS AND RACIAL BIASES AFFECT TEACHER RATINGS AND EVALUATIONS. (JH)

ED 010 093 24

THE NATURE OF ANALYSIS AND SYNTHESIS AND SOME CONDITIONS IN THE CLASSROOM WHICH FACILITATE OR RETARD THESE COGNITIVE PROCESSES, PART II, ANALYSIS, SYNTHESIS, AND ACADEMIC PERFORMANCE.

BY- ROKEACH, MILTON NORRELL, GWENDOLYN

MICHIGAN STATE UNIV., EAST LANSING

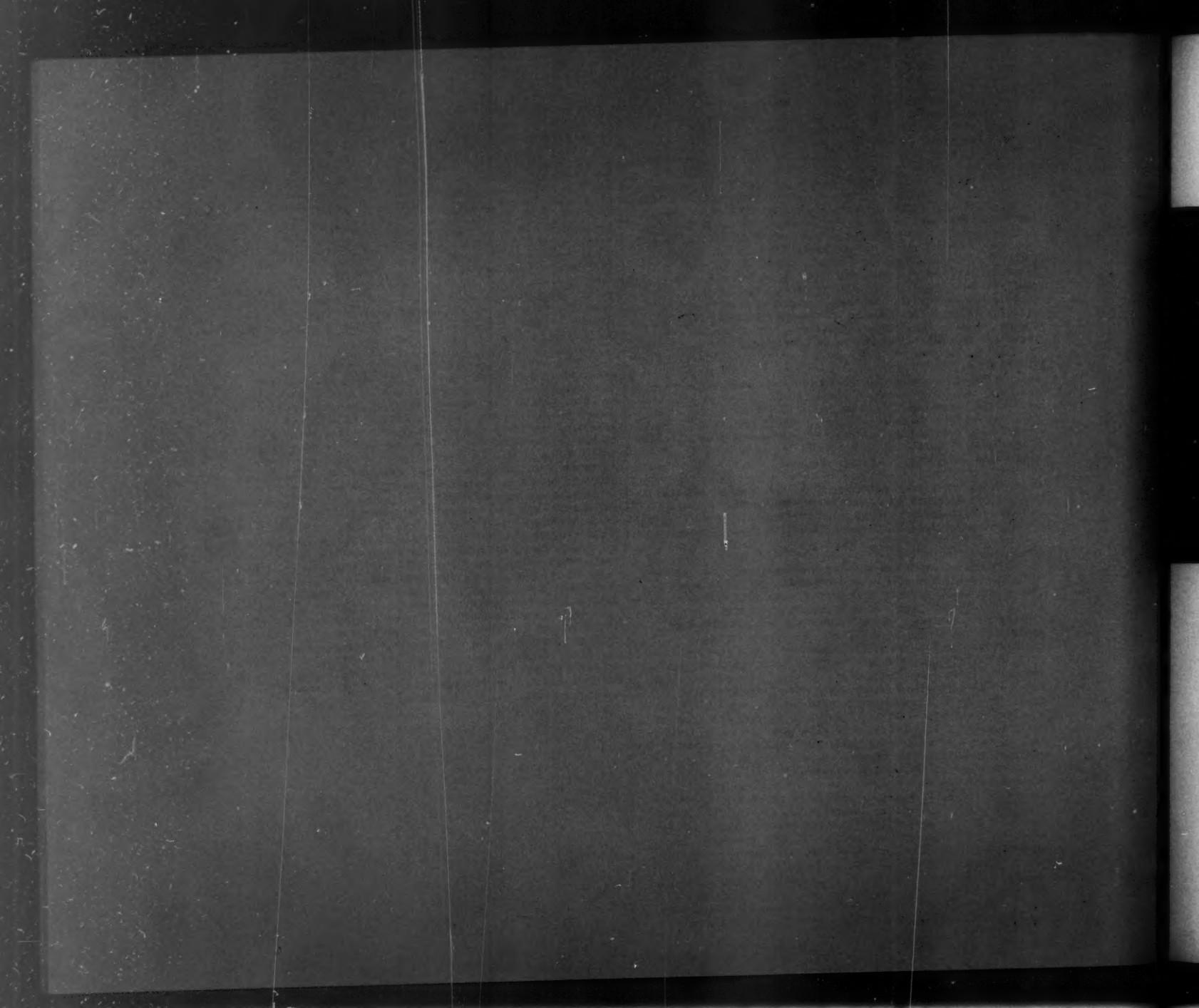
REPORT NUMBER CRP-879-PART-2

PUB DATE MAR 66

EDRS PRICE MF-30.54 HC-815.08 377P.

DESCRIPTORS- #COGNITIVE PROCESSES, #EDUCATIONAL RESEARCH, #RESEARCH METHODOLOGY, #RESEARCH PROBLEMS, #TESTING, EAST LANSING, FACTOR ANALYSIS, MICHIGAN, PERCEPTUAL SYNTHESIS TEST.

THIS STUDY WAS CONCERNED WITH THE NATURE AND RELATIONSHIPS AMONG THE COGNITIVE FACTORS, ANALYSIS AND SYNTHESIS, AND THEIR PERSONALITY AND ACADEMIC CORRELATES. ENTERING FRESHMEN AT THE UNIVERSITY OF MICHIGAN WERE TESTED WITH A BATTERY OF NINE TESTS TO OBTAIN THE DATA REQUIRED FOR ANALYSIS. SUSPECTED CONTAMINATION OF THE TEST RESULTS DUE TO COMMUNICATION AMONG SUBJECTS AND THE ORDER OF TESTING WAS INDICATED IN A TEST FOR THE INDEPENDENCE OF OBSERVATIONS. ALTERNATE PROCEDURES INVOLVING FACTOR ANALYSIS WERE THEN EMPLOYED WITH A LITERATURE REVIEW TO FIND DATA SUPPORTING THE HYPOTHESIS AND SUBHYPOTHESES STUDIED. NO EVIDENCE WAS FOUND WHICH INDICATED THAT ANALYSIS AND SYNTHESIS WERE DISCRIMINABLE FACTORS. NEITHER WAS THERE ANY EVIDENCE THAT THESE FACTORS WERE NOT DISCRIMINABLE. EMERGING FROM THE STUDY ARE SUGGESTED PROCEDURES FOR ASSESSING WHETHER TEST RESULTS HAVE BEEN CONTAMINATED BY COMMUNICATION AMONG SUBJECTS OR THE ORDER OF TESTING. IT WAS SUGGESTED THAT ALL STUDIES IN WHICH INDIVIDUAL SUBJECTS ARE TESTED SUCCESSIVELY SHOULD ROUTINELY USE THE TECHNIQUE WHICH REQUIRES CALCULATION OF A CORRELATION COEFFICIENT BETWEEN ORDER-OF-TESTING AND THE SCORES OBTAINED. THE REVIEW OF THE LITERATURE AND FACTOR ANALYSES SUPPORTED THE CONCLUSION THAT THE PERSONALITY VARIABLES, DOGMATISM AND RIGIDITY, ARE SYSTEMATICALLY BUT DIFFERENTIALLY RELATED TO MEASURES OF CONCEPTUAL ANALYSIS AND SYNTHESIS. THERE WAS NO EVIDENCE INDICATING THAT CORRELATIONS BETWEEN ACADEMIC SUCCESS AND ANALYSIS AND SYNTHESIS WERE DIFFERENTIAL. (INN)



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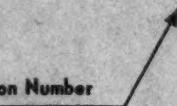
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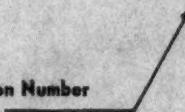
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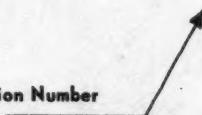
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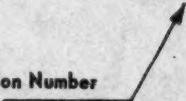
This index lists the titles of reports by their contract or grant number. The contract and grant numbers are in alpha-numerical sequence.

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OEC-6-12-01234-0033

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CRP-234 ED 000 000

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OEC-6-85-089	EXPLORATORY STUDY OF KNOWLEDGES IN CHILD DEVELOPMENT AND GUIDANCE NEEDED BY MOTHERS AND WORKERS IN OCCUPATIONS RELATED TO CHILD CARE.,AN		







PROJECT  
RESUMES

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Accession Number--an identification number sequentially assigned to project documents as they are processed.

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## SAMPLE ENTRY

Title of the Research Project.

EP 000 000

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Investigator(s)--the individual(s) responsible for the conduct of the project.

A STUDY OF THE OPTIMUM PHYSICAL VIEWING CONDITIONS FOR A REAR PROJECTION DAYLIGHT SCREEN.

INVESTIGATOR: JASPER, NATHAN  
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK  
BUREAU NUMBER BR-6-1234 PROP DATE 01-OCT-65  
CONTRACT/GRAANT OEC-6-12-01234-0033

Institutional Source--the organization at which the research activity is conducted.

DESCRIPTORS: \*AUDIOVISUAL AIDS, \*CABINET-TYPE PROJECTOR, ACHIEVEMENT, EQUIPMENT, TEACHING METHODS, \*VIEWING CONDITIONS, INSTRUCTIONAL FILM, TEACHING METHODS, FILMS,

Bureau Number--an administrative number assigned by the Bureau of Research, U.S. Office of Education.

START DATE 12-15-65 END DATE 06-30-67

Contract or Grant Number--contract numbers have OEC prefixes; grant numbers have OEG prefixes.

AN EXPERIMENT WAS DESIGNED TO DISCOVER THE DIFFERENCES IN LEARNING THAT COULD BE ATTRIBUTED TO DIFFERENCES IN ROOM ILLUMINATION, VIEWING ANGLE, AND DISTANCE FROM THE SCREEN AS THEY RELATED TO THE CABINET-TYPE PROJECTOR. PARTICIPANTS WERE 721 NAVY TRAINEES. THEIR TASK CHOSEN WAS TO ASSEMBLE THE BREECH BLOCK OF AN ANTI AIRCRAFT GUN. ALTHOUGH MOST TRAINEES COULD NOT PERFORM THE TASK WITHOUT INSTRUCTION, THEY LEARNED THE ASSEMBLY IN A FEW MINUTES WITH AN APPROPRIATE FILM. HALF OF THEM SAW THE FILM UNDER DAYLIGHT ILLUMINATION CONDITIONS. THE OTHER HALF SAW THE FILM UNDER DARKENED ROOM CONDITIONS. A TEST WAS SET UP WITH 50 SEATING POSITIONS AT VARYING ANGLES OF VIEW AND AT VARYING DISTANCES FROM THE SCREEN. THE TRAINEES WERE TESTED AFTER THEY SAW THE FILM. PERFORMANCE WAS BETTER UNDER DAYLIGHT CONDITIONS IN THE OPTIMUM VIEWING AREA. OPTIMUM VIEWING WAS WITHIN 30 DEGREES OF THE CENTER LINE AND WITHIN 12 SCREEN WIDTHS OF THE SCREEN. THESE FACTORS SHOULD BE TAKEN INTO CONSIDERATION IN TRAINING SITUATIONS WHEN TRAINEES PRACTICE A SKILL DURING A FILM SHOWING. (CG)

Descriptors--the subject terms assigned by an indexer to characterize the substance of a project. Only the major terms preceded by an asterisk are printed in the subject index.

Start Date and End Date--the starting date and the anticipated ending date for the research project.

Proposal Date--the date the proposal was submitted for evaluation in the Bureau of Research.

Informative Abstract--a synopsis of the project in about 200 words. When applicable it includes the purpose and procedure of the research activity.

Abstractor's initials.

## PROJECT RESUMES

PAGE 3

## EP 010 112 08

CONFERENCES FOR DEVELOPING CONCEPTUAL MODELS FOR CROSS-NATIONAL RESEARCH IN EDUCATION (AS RELATED TO MANPOWER AND THE ECONOMY).

INVESTIGATOR- FOSHAY, ARTHUR W.

COLUMBIA UNIV., TEACHERS COLL., NEW YORK

BUREAU NUMBER BR-6-1967

PROP DATE 06 JAN 66

GRANT OEG-1-6-061967-1989

DESCRIPTORS- #CONFERENCE, #ECONOMIC CLIMATE, #EDUCATIONAL RESPONSIBILITY, #MANPOWER UTILIZATION, #VOCATIONAL EDUCATION, COMPARATIVE ANALYSIS, EDUCATIONAL OBJECTIVES, GENERAL EDUCATION, INTERNATIONAL EDUCATION, MODEL PROGRAMS, NATIONAL PROGRAMS, NEW YORK, NEW YORK CITY,

START DATE 06-22-66

END DATE 12-31-67

THE RESULTS OF TWO CONFERENCES, TO BE HELD 6 MONTHS APART, ARE TO BE USED TO PREPARE A BOOK-LENGTH STATEMENT OF MODELS FOR CROSS-NATIONAL COMPARATIVE STUDIES IN WHICH THE YIELD OF EDUCATION IS RELATED TO MANPOWER AND THE ECONOMY. IT IS INTENDED THAT SUCH MODELS WOULD FURTHER ILLUMINATE THE QUESTION OF GENERAL AND VOCATIONAL EDUCATION. FIFTEEN PARTICIPANTS ARE TO BE INVITED. THE FOLLOWING FIELDS WILL BE REPRESENTED BY PERSONS OF NATIONAL AND INTERNATIONAL AUTHORITY--(1) SOCIOLOGY, (2) ECONOMICS, (3) VOCATIONAL PSYCHOLOGY, (4) VOCATIONAL EDUCATION, (5) COMPARATIVE EDUCATION, AND (6) MEASUREMENT AND EVALUATION. IN EACH FIELD, AN AMERICAN AND A EUROPEAN WILL TAKE PART. USING THE RESULTS OF AN ELABORATE 12-COUNTRY STUDY OF ATTAINMENT IN MATHEMATICS, JUST COMPLETED, THESE SCHOLARS WILL BE ASKED TO DEVELOP THE MODELS. IN ADDITION, DATA FROM THE INTERNATIONAL EDUCATIONAL ATTAINMENTS (I.E.A.) STUDY WILL BE USED TO PROVIDE A BASIS IN FACT FOR THE CONSIDERATIONS OF SUCH MODELS. (JH)

## EP 010 113 08

A NATIONAL SEMINAR ON VOCATIONAL GUIDANCE.

INVESTIGATOR- HITCHCOCK, ARTHUR A.

AMERICAN PERSONNEL AND GUIDANCE ASSN., WASH., D.C.

BUREAU NUMBER BR-6-2207

PROP DATE 14 FEB 66

CONTRACT OEC-6-2-062207-0727

DESCRIPTORS- #GUIDANCE COUNSELING, #GUIDANCE PERSONNEL, #SEMINARS, #STATE AID, #VOCATIONAL COUNSELING, COUNSELING, D.C., EDUCATIONAL PLANNING, OCCUPATIONAL GUIDANCE, WASHINGTON,

START DATE 04-25-66

END DATE 05-31-67

A SEMINAR WILL BE HELD FOR STATE GUIDANCE SUPERVISORS AND COUNSELOR EDUCATORS IN THE WESTERN UNITED STATES. EMPHASIS OF THE SEMINAR WILL BE PLACED ON THE IMPROVEMENT OF UNDERSTANDINGS, COMPETENCIES, AND PROGRAMS RELATED TO PROBLEMS OF EDUCATIONAL AND VOCATIONAL PLANNING IN ORDER TO ACHIEVE MORE ADEQUATE VOCATIONAL GUIDANCE SERVICES IN THE NATION'S SCHOOLS THROUGH THE IMPROVEMENT OF STATE SUPERVISORY AND COUNSELOR EDUCATION SERVICES. (JH)

## EP 010 114 08

AN EVALUATION OF VOCATIONAL EDUCATION FOR DISADVANTAGED YOUTH.

INVESTIGATOR- SONNERFELD, DONALD

MUSKEGON PUBLIC SCHOOLS, MICH.

BUREAU NUMBER BR-6-1831

CONTRACT OEC-3-6-061831-0590

PROP DATE 31 AUG 65

DESCRIPTORS- #DISADVANTAGED YOUTH, #MODEL PROGRAMS, #TRAINING, #VOCATIONAL EDUCATION, GENERAL EDUCATION, MICHIGAN, MUSKEGON,

START DATE 03-15-66

END DATE 03-14-67

AN EVALUATION MODEL WILL BE CREATED FOR, ADMINISTERED IN, AND EVALUATED FROM A COMBINED BASIC EDUCATION AND VOCATIONAL TRAINING PROGRAM. THE APPLICATION OF THIS MODEL WILL IDENTIFY, AGAINST A CONTROL GROUP, (1) DEGREES OF CHANGE IN A TRAINEE'S OCCUPATIONAL STATUS, ACHIEVEMENT LEVEL, INTELLIGENCE, Aptitudes, INTERPERSONAL BEHAVIOR, AND PERSONALITY, AND (2) CHANGES BY DIFFERENT POPULATION VARIABLES, THAT IS, MALES-FEMALES, BRIGHT-DULL, OLDER-YOUNGER, AND OTHERS WITHIN THE TRAINEE GROUP. PRE- AND POST-TEST DATA WILL BE COLLECTED FROM BOTH THE EXPERIMENTAL AND CONTROL GROUPS TO DETERMINE THE SPECIFIC AREAS OF SIGNIFICANT CHANGE AND TO EXAMINE TO WHAT DEGREE EACH CHANGE OCCURRED WITHIN EACH OF THE 11 POPULATION VARIABLES. (JH)

## EP 010 115 08

IMPROVED OPPORTUNITIES FOR DISADVANTAGED YOUTH THROUGH VOCATIONALLY ORIENTED EDUCATION.

INVESTIGATOR- PHIPPS, LLOYD J.  
UNIVERSITY OF ILLINOIS, URBANA

BUREAU NUMBER BR-5-0125

PROP DATE 08 FEB 65

CONTRACT OEC-5-65-041

DESCRIPTORS- #DISADVANTAGED YOUTH, #EDUCATIONAL OPPORTUNITIES, #HUMAN RESOURCES, #RURAL AREAS, #VOCATIONAL EDUCATION, FAMILY STATUS, ILLINOIS, MODEL PROGRAMS, URBANA,

START DATE 06-01-65

END DATE 08-31-70

A 5-YEAR PROJECT WILL BE CONDUCTED TO GENERATE A VOCATIONALLY ORIENTED, EDUCATIONAL PROGRAM THAT WILL BRING ABOUT THE FULL UTILIZATION OF PRESENT AND POTENTIAL CAPABILITIES OF RURAL YOUTH WHO ARE ECONOMICALLY AND SOCIALLY HANDICAPPED. THE BROAD OBJECTIVES OF THE RESEARCH ARE (1) TO STUDY IN DEPTH A RANDOMLY SELECTED DEPRESSED RURAL AREA TO IDENTIFY THE ANTHROPOLOGICAL, ECONOMIC, PSYCHOLOGICAL, AND SOCIOLOGICAL CONDITIONS AND TRENDS THAT TYPEFY THE AREA, (2) TO DEVELOP AND CONDUCT A MODEL PREPARATORY AND SUPPLEMENTAL VOCATIONAL PROGRAM SPECIFICALLY DESIGNED FOR MEMBERS OF DISADVANTAGED RURAL FAMILIES WHICH WILL LEAD TO THE GAINFUL EMPLOYMENT OF YOUTH, AND (3) TO EVALUATE THROUGH AN EXPERIMENTAL TREATMENT THE MODEL PROGRAM IN TERMS OF THE PROCESSES USED AND THE RESULTS OBTAINED. (JH)

## EP 010 116 08

A CROSS-CULTURAL STUDY OF ADOLESCENT SUBCULTURE IN VOCATIONAL EDUCATION PROGRAMS.

INVESTIGATOR- LESSER, GERALD S.  
HARVARD UNIV., LAB. OF HUMAN DEVELOPMENT  
BUREAU NUMBER BR-5-0126

PROP DATE 07 JAN 65

CONTRACT OEC-5-65-017

DESCRIPTORS- #ADOLESCENTS, #CULTURAL DIFFERENCES, #PEER

## PROJECT RESUMES PAGE 8

GROUP, \*SOCIAL INFLUENCES, \*VOCATIONAL EDUCATION, AMERICAN STUDENTS, CAMBRIDGE, DANISH STUDENTS, FAMILY RELATIONSHIP, GROUP BEHAVIOR, GROUP STRUCTURE, INTERCULTURAL PROGRAMS, MASSACHUSETTS, SECONDARY EDUCATION, SOCIAL RELATIONS.

START DATE 08-01-68

END DATE 08-31-68

CURRENT ANALYTICAL STUDIES CONCERNING ADOLESCENT SOCIAL SYSTEMS IN THE UNITED STATES AND DENMARK WILL BE EXTENDED DURING A 28-MONTH PROGRAM TO STUDENTS IN BOTH COUNTRIES WHO ARE ENROLLED IN VOCATIONAL AND TECHNICAL PROGRAMS OF SECONDARY EDUCATION. THE GOAL OF THE PROPOSED RESEARCH IS TO COMPARE THE BASES FOR FORMATION AND MAINTENANCE OF ADOLESCENT SOCIETIES OF ACADEMICALLY AND VOCATIONALLY ORIENTED STUDENTS UNDER DIFFERENT CULTURAL CONDITIONS AND THE INFLUENCE OF THESE ADOLESCENT GROUPINGS RELATIVE TO SUCH SOCIAL GROUPS AS THE FAMILY. THE STUDY WILL DESCRIBE IN DETAIL THE ADOLESCENT SUBCULTURES AND FAMILY RELATIONS OF DANISH AND AMERICAN ACADEMIC AND VOCATIONAL STUDENTS, COMPARE THESE ADOLESCENT SOCIETIES, AND DISCUSS THE IMPLICATIONS OF THESE COMPARISONS FOR SECONDARY EDUCATION IN BOTH COUNTRIES. (JH)

**EP 010 117 24**

A STUDY TO EXPLORE THE POSSIBLE USES OF X-RAY MOTION PICTURE PHOTOGRAPHY FOR THE IMPROVEMENT OF BRASS INSTRUMENT TEACHING.  
INVESTIGATOR- HERRIMAN, LYLE C.  
UNIVERSITY OF IOWA, IOWA CITY  
BUREAU NUMBER BR-6-8322 PROP DATE 68  
CONTRACT OEC-3-6-068322-0939

DESCRIPTORS- \*MUSIC ACTIVITIES, FILMS, IOWA, IOWA CITY.

START DATE 08-01-68

END DATE 02-28-67

PHOTOGRAPHS OF 10 SUBJECTS WILL BE MADE DURING THE PERFORMANCE OF SELECTED TASKS WITH BRASS INSTRUMENTS. FILM WILL THEN BE ANALYZED AND VARIOUS MEASUREMENTS OF THE ORAL CAVITY MADE. A COMPARISON OF MEASUREMENTS AT SELECTED DEFINITIVE POINTS WILL REVEAL ANY SIGNIFICANT DIFFERENCES OR LIKENesses IN ORAL ADJUSTMENTS AND ANY PATTERNS IN THESE ADJUSTMENTS. (JL)

**EP 010 118 08**

INFLUENCE OF THE FATHER'S JOB AND SOCIAL STATUS ON THE OCCUPATIONAL AND SOCIAL GOALS OF YOUTH.  
INVESTIGATOR- GRINDER, ROBERT E.  
UNIVERSITY OF WISCONSIN, MADISON  
BUREAU NUMBER BR-5-0121 PROP DATE 25 FEB 68  
CONTRACT OEC-5-85-061

DESCRIPTORS- \*ATTITUDE TESTS, \*CULTURAL AWARENESS, \*FAMILY INFLUENCE, \*INDIVIDUAL DEVELOPMENT, \*VOCATIONAL COUNSELING, ADOLESCENTS, CULTURAL OPPORTUNITIES, LIKERT-TYPE ATTITUDE SCALES, MADISON, MALE, MOTIVATION, PARENT ROLE, REWARDS, WISCONSIN, YOUTH OPPORTUNITIES.

START DATE 08-01-68

END DATE 08-31-68

SPECIFIC REWARD PATTERNS THAT DIVERT AND DISTRACT YOUTH FROM ATTAINING SATISFACTORY VOCATIONAL ADJUSTMENTS WILL BE IDENTIFIED BY INVESTIGATING THE EXTENT TO WHICH 17-YEAR-OLD BOYS, IN 4 DIFFERENT VOCATIONAL ORIENTATIONS, ARE MOTIVATED

TO IDENTIFY WITH THEIR FATHERS AND TO PARTICIPATE IN YOUTH CULTURAL FUNCTIONS. THE PROCEDURE WILL BE TO DEVELOP A VARIETY OF LIKERT-TYPE ATTITUDE SCALES IN ORDER TO EVALUATE THESE MOTIVATIONS. THE ADOLESCENT BOYS, SERVING IN THE STUDY SAMPLE, WILL BE CLASSIFIED ON THE BASIS OF FOUR GROUPINGS, RANGING FROM COLLEGE PREPARATORY TO POTENTIAL DROPOUT. MULTIVARIATE PROCEDURES WILL BE EMPLOYED FOR THE ANALYSES OF THE DATA. IT IS EXPECTED THAT THE STUDY WILL AID MATERIALLY IN EXPERIMENTAL STUDIES INVOLVING VOCATIONAL COUNSELING. (JH)

**EP 010 119 08**

A STUDY OF POTENTIAL UTILIZATION OF RETIRING MILITARY PERSONNEL IN VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS.  
INVESTIGATOR- RICHLAND, MALCOLM  
SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.  
BUREAU NUMBER BR-5-0147 PROP DATE 02 DEC 68  
CONTRACT OEC-6-85-033

DESCRIPTORS- \*PILOT PROJECTS, \*TEACHERS, \*VOCATIONAL EDUCATION, ARMED FORCES, CALIFORNIA, EDUCATIONAL PROGRAMS, PERSONNEL SELECTION, SANTA MONICA,

START DATE 01-01-68

END DATE 12-31-68

A MEANS FOR FITTING SKILLS AND INTERESTS OF MILITARY PERSONNEL LEAVING THE ARMED FORCES TO AVAILABLE TEACHING AND OTHER PROFESSIONAL POSITIONS IN STATE VOCATIONAL EDUCATION PROGRAMS IS TO BE INVESTIGATED. THE MILITARY ESTABLISHMENT WILL BE SURVEYED TO IDENTIFY PERSONNEL WHO HAVE PARTICULAR COMPETENCIES AND EXPERIENCE IN OCCUPATIONS OF EXPRESSED NEED, AS INDICATED BY STATE VOCATIONAL AND TECHNICAL EDUCATION AGENCIES THAT ARE NOW ENGAGED IN THE IMPLEMENTATION OF FEDERALLY SUPPORTED PROGRAMS. THE PROJECT WILL BE SEPARATED INTO (1) PLANNING, (2) DATA COLLECTION, (3) DATA ANALYSIS, AND (4) THE FINAL REPORT WHICH WILL INCLUDE FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS. (JL)

**EP 010 120 08**

DELAWARE OCCUPATIONAL RESEARCH COORDINATING UNIT.  
INVESTIGATOR- HODGSON, PAUL  
STATE DEPT. OF PUBLIC INSTRUCTION, DOVER, DEL.  
BUREAU NUMBER BR-6-2742 PROP DATE 22 APR 68  
GRANT OEC-1-6-062742-2146

DESCRIPTORS- \*OCCUPATIONAL INFORMATION, \*RESEARCH METHODOLOGY, \*STATE PROGRAMS, \*VOCATIONAL EDUCATION, DELAWARE, DOVER, EDUCATIONAL RESEARCH, RESEARCH PROJECTS,

START DATE 08-24-68

END DATE 07-31-69

THE PURPOSE OF THE DELAWARE OCCUPATIONAL RESEARCH DEVELOPMENT AND COORDINATING UNIT IS TO STIMULATE AND COORDINATE RESEARCH AND DEVELOPMENT IN OCCUPATIONAL EDUCATION. THE OBJECTIVES WILL BE (1) IDENTIFY AND COORDINATE RESEARCH AND DEVELOPMENT ACTIVITIES AND PROJECTS OF ALL EDUCATIONAL AGENCIES PUBLIC AND PRIVATE CONCERNED WITH OCCUPATIONAL EDUCATION IN DELAWARE, (2) STIMULATE INTEREST IN RESEARCH ACTIVITIES THAT WILL YIELD RESULTS PRODUCTIVE TO THE STATEWIDE PROGRAM OF VOCATIONAL EDUCATION, (3) PROVIDE CONSULTATION AND ASSISTANCE TO STATE AND LOCAL STAFFS RESPONSIBLE FOR VOCATIONAL RESEARCH DEVELOPMENT, (4) DEVELOP TELECAST AND VIDEO-VISUAL MATERIALS RELATIVE TO THE BUSINESS

## PROJECT RESUMES

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AND INDUSTRIAL OPPORTUNITIES IN DELAWARE AS A MEANS OF MOTIVATING YOUTH; (5) ASSIST IN DEVELOPING PILOT PROGRAMS THAT WILL IMPROVE THE IMAGE OF VOCATIONAL EDUCATION; (6) DISSEMINATE INFORMATION ON THE PROGRESS AND APPLICATIONS OF THE RESULTS OF OCCUPATIONAL EDUCATION RESEARCH; AND (7) IDENTIFY AND MAINTAIN AN INVENTORY OF AVAILABLE OCCUPATIONAL RESEARCH AND DEVELOPMENT RESOURCES IN LIGHT OF ANTICIPATED NEEDS AND PROGRAMS WITHIN THE STATE. (6C)

## EP 010 121 08

THE DEVELOPMENT OF MATERIAL FOR THE ORIENTATION OF SCHOOL ADMINISTRATORS TO VOCATIONAL EDUCATIONAL NEEDS AND PROGRAMS.  
INVESTIGATOR- HAYES, DALE K.  
UNIVERSITY OF NEBRASKA, LINCOLN  
BUREAU NUMBER BR-5-0155  
CONTRACT OEC-6-85-068

PROP DATE 28 MAY 65

DESCRIPTORS- #ADMINISTRATIVE PERSONNEL, #CURRICULUM DEVELOPMENT, #INSERVICE PROGRAMS, #INSTRUCTIONAL TECHNOLOGY, #VOCATIONAL EDUCATION, ABILITY, ADMINISTRATOR ROLE, EDUCATIONAL NEEDS, LEADERSHIP QUALITIES, LINCOLN, MATERIAL DEVELOPMENT, NEBRASKA, PROFESSIONAL EDUCATION, SCHOOL ADMINISTRATION,

START DATE 01-01-66

END DATE 06-30-69

A DEVELOPMENTAL PROGRAM WILL BE CONDUCTED, FOCUSING ON SCHOOL ADMINISTRATORS AND THE PROBLEMS OF IMPROVING THEIR LEADERSHIP ABILITIES WITH REGARD TO THE CONCEPTUALIZATION, ANALYSIS, ORGANIZATION, AND ADMINISTRATION OF PROGRAMS IN PUBLIC SCHOOL VOCATIONAL AND TECHNICAL EDUCATION. THE PROCEDURE WILL BEGIN WITH A COLLECTION OF INFORMATION ABOUT THE ATTITUDES OF ADMINISTRATORS TOWARD VOCATIONAL EDUCATION AND THE NATURE AND EXTENT OF EXISTING TRAINING PROGRAMS IN EDUCATIONAL ADMINISTRATION. THESE DATA WILL BE JUXTAPOSED WITH CLIENTELE AND MANPOWER NEEDS IN THIS AREA. A CURRICULUM WITH SIMULATED AND OTHER LEARNING MATERIALS WILL THEN BE DEVELOPED. THE LAST PHASE OF THE PROJECT WILL BE A STATISTICALLY DESIGNED EXPERIMENT TO EVALUATE THE EFFECT OF THESE NEW MATERIALS IN GAINS OR CHANGES IN ROLE EXPECTATIONS, ATTITUDES TOWARD VOCATIONAL EDUCATION, AND COGNITIVE AND OPERATIONAL BEHAVIOR OF PARTICIPATING TRAINEES. (JH)

## EP 010 122 08

A STUDY OF CHARACTERISTICS OF VOCATIONAL STUDENTS.  
INVESTIGATOR- STEWART, LAWRENCE  
UNIVERSITY OF CALIFORNIA, BERKELEY CAMPUS  
BUREAU NUMBER BR-5-0152  
CONTRACT OEC-6-85-072

PROP DATE 13 SEP 65

DESCRIPTORS- #GRADUATES, #JUNIOR COLLEGES, #STUDENT CHARACTERISTICS, #STUDENT TESTING, #VOCATIONAL EDUCATION, BERKELEY, CALIFORNIA, CURRICULUM, EDUCATIONAL IMPROVEMENT, INDIVIDUAL CHARACTERISTICS, INTEREST ASSESSMENT SCALES, OMNIBUS PERSONALITY INVENTORY, SELECTION, STUDENT EMPLOYMENT, STUDENT EVALUATION, STUDENT INTERESTS, STUDENT NEEDS,

START DATE 01-01-66

END DATE 06-30-69

DIFFERENCES WILL BE STUDIED AMONG SELECTED CHARACTERISTICS OF JUNIOR COLLEGE STUDENTS IN OCCUPATION-CENTERED CURRICULUMS AND EMPLOYED GRADUATES OF

CERTAIN OF THESE CURRICULUMS. THE PROJECT EXTENDS A PILOT STUDY IN A SINGLE JUNIOR COLLEGE TO A BROAD RANGE OF CURRICULUMS SELECTED FROM JUNIOR COLLEGES THROUGHOUT CALIFORNIA. THE "OMNIBUS PERSONALITY INVENTORY," THE "INTEREST ASSESSMENT SCALES," AND A PERSONAL DATA SHEET WILL BE ADMINISTERED TO SEVERAL THOUSAND SUBJECTS. INFORMATION ON ACADEMIC ABILITY AND ACHIEVEMENT IS TO BE SECURED FROM SCHOOL RECORDS. THE GATHERED DATA WILL THEN BE ANALYZED BY VARIOUS STATISTICAL TECHNIQUES AND COMPARED WITH RESPECT TO GROUPS ENROLLED IN DIFFERENT CURRICULUMS AND BETWEEN STUDENTS AND EMPLOYED GRADUATES. RESULTS OF THE PROJECT SHOULD ADD TO THE LIMITED AMOUNT OF AVAILABLE INFORMATION UPON WHICH ADMINISTRATORS NOW BASE CRITERIA FOR STUDENT SELECTION IN VARIOUS VOCATIONAL EDUCATION FIELDS. (JH)

## EP 010 123 08

CHARACTERISTICS OF NONCOLLEGE VOCATIONALLY ORIENTED SCHOOL LEAVERS AND GRADUATES.  
INVESTIGATOR- MALLINSON, GEORGE  
WESTERN MICHIGAN UNIV., SCHOOL OF GRADUATE STUDIES,  
BUREAU NUMBER BR-5-0142  
CONTRACT OEC-6-85-071

PROP DATE 31 MAY 65

DESCRIPTORS- #COMPARATIVE ANALYSIS, #HIGHER EDUCATION, #INDIVIDUAL CHARACTERISTICS, #STUDENT RESEARCH, #VOCATIONAL EDUCATION, DROPOUTS, HIGH SCHOOL GRADUATES, KALAMAZOO, MICHIGAN,

START DATE 10-01-65

END DATE 06-30-67

CERTAIN CHARACTERISTICS OF PERSONS WHO ENTER PROGRAMS OF VOCATIONAL EDUCATION WILL BE IDENTIFIED AND COMPARED WITH THOSE WHO ENTER INSTITUTIONS OF HIGHER EDUCATION. DATA WILL BE COLLECTED FROM A PREVIOUS COOPERATIVE RESEARCH PROJECT (NO. 503) REGARDING SECONDARY STUDENT MOTIVATION AND ACHIEVEMENT IN SCIENCE COURSES, AND FROM SELECTIVE FOLLOWUP INTERVIEWS WITH PARTICIPANTS IN THE EARLIER STUDY (BOTH DROPOUTS AND GRADUATES) WHO HAVE ENROLLED IN LESS-THAN-COLLEGE LEVEL, VOCATIONAL OR TECHNICAL TRAINING PROGRAMS. THE PROJECT WILL BE A COROLLARY TO COOPERATIVE RESEARCH PROJECT NO. 1941 WHICH DEALS WITH THOSE STUDENTS FROM PROJECT NO. 503 WHO WENT ON TO COLLEGE. ANALYSIS IS TO BE MADE OF THE DIFFERENCES AND RELATIONSHIPS BETWEEN THESE GROUPS OF FORMER HIGH SCHOOL STUDENTS. (JH)

## EP 010 124 24

A LONGITUDINAL STUDY OF CAREER DEVELOPMENT.  
INVESTIGATOR- GRIBBONS, WARREN D.  
REGIS COLLEGE, WESTON, MASS.  
BUREAU NUMBER BR-5-0068  
CONTRACT OEC-3-10-047

PROP DATE 16 NOV 60

DESCRIPTORS- #CAREER PLANNING, #CHILD RESPONSIBILITY, #OCCUPATIONAL CHOICE, #PREDICTIVE MEASUREMENTS, #STUDENT DEVELOPMENT, ACADEMIC ABILITY, EMOTIONAL DEVELOPMENT, INTELLECTUAL DEVELOPMENT, INTERVIEWS, MASSACHUSETTS, MATURITY TESTS, PERSONAL INTERESTS, PERSONAL VALUES, PSYCHOLOGICAL PATTERNS, SELF-EVALUATION, STUDENT RECORDS, WESTON, YOUTH PROBLEMS.

START DATE 09-15-62

END DATE 09-14-68

## PROJECT RESUMES

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CAREER DEVELOPMENT WILL BE EXPLORED BY INTERVIEWING APPROXIMATELY 300 BOYS AND GIRLS AT 2-YEAR INTERVALS OVER A PERIOD OF YEARS TO (1) IDENTIFY THE DEVELOPMENTAL STAGES OF OCCUPATIONAL CHOICE, (2) DETERMINE WHETHER THESE STAGES OR SEQUENCES DIFFER BETWEEN SEXES, (3) DETERMINE SPECIFIC DIRECTIONS OF CAREER PATTERNS AND THE FACTORS UPON WHICH CAREER DECISIONS ARE BASED, AND (4) IDENTIFY MAJOR CAREER PATTERNS AND THE ANTECEDENT VARIABLES WHICH ARE PREDICTIVE OF A GIVEN CAREER PATTERN. THE YOUTHS PARTICIPATING IN THE PROGRAM WILL BE THOSE OF AN ORIGINAL EIGHTH-GRADE STUDY SAMPLE FOR A PROJECT CONDUCTED 2 YEARS BEFORE. MUCH INFORMATION ON EACH STUDENT WAS GATHERED AT THAT TIME INCLUDING SCHOOL RECORDS, INTERESTS, VALUES, ABILITIES, FUTURE PLANS, AND WILLINGNESS TO ACCEPT RESPONSIBILITIES. IN THE IMMEDIATE STUDY, THE MAIN TECHNIQUE FOR GATHERING DATA WILL BE A STANDARDIZED PERSONAL INTERVIEW, DESIGNED TO STIMULATE EACH SUBJECT TO REVEAL HIS OR HER THINKING PROCESS IN MAKING CURRICULUM AND OCCUPATIONAL CHOICES AND TO DEMONSTRATE HIS ABILITY TO ANALYZE AND SYNTHESIZE INFORMATION ABOUT HIM AND THE WORLD OF WORK. IN ADDITION, CERTAIN FACTORS FROM SCHOOL RECORDS WILL BE INVESTIGATED TO DETERMINE ADDITIONAL PREDICTIVE ELEMENTS FOR CURRICULUM AND OCCUPATIONAL CHOICES. INTERVIEW RESPONSES AND SCHOOL RECORD DATA WILL THEN BE ANALYZED AND TABULATED TO DETERMINE STUDENT DEVELOPMENTAL STAGES FOR CHOOSING A CAREER AND THE SMALLEST NUMBER OF DISCRIMINATE VARIABLES REQUIRED TO PREDICT FUTURE OCCUPATIONS. (JH)

## EP 010 125

24

THE UTILIZATION OF INSTRUCTIONAL TELEVISION IN MUSIC EDUCATION.

INVESTIGATOR- CARPENTER, THOMAS H.

EAST CAROLINA COLL., SCHOOL OF ED., GREENVILLE, N.C.

BUREAU NUMBER BR-5-8306

PROP DATE 07 FEB 66

CONTRACT OEC-2-E-058306-1292

DESCRIPTORS- \*EDUCATIONAL TELEVISION, \*INSTRUCTIONAL TECHNOLOGY, \*MUSIC EDUCATION, \*NATIONAL SURVEYS, \*TELEVISION SURVEYS, GREENVILLE, NORTH CAROLINA,

START DATE 06-01-66

END DATE 10-01-67

THE CAPACITY AND LIMITATIONS OF TELEVISED INSTRUCTION IN MUSIC WILL BE DEFINED BY COLLATING AND SYNTHESIZING PAST AND PRESENT EXPERIMENTS, EXPERIENCES, AND PRACTICES IN THIS FIELD OF EDUCATIONAL ACTIVITY. THE PERIOD OF TIME TO BE INVESTIGATED WILL BE FROM 1947 TO THE PRESENT. DATA FOR THE STUDY ARE TO BE DRAWN FROM THE FOLLOWING SOURCES--(1) PUBLISHED AND UNPUBLISHED STUDIES, (2) TEACHERS' GUIDES, COURSE SYLLABUSES, AND OTHER RESEARCH MATERIALS OBTAINED DIRECTLY FROM TELEVISION MUSIC TEACHERS THROUGHOUT THE COUNTRY, (3) A PREPARED QUESTIONNAIRE, AND (4) INTERVIEWS AND OBSERVATIONS AT 10 EDUCATIONAL BROADCASTING SYSTEMS. THESE DATA WILL BE DIVIDED INTO QUALITATIVE CATEGORIES AND ANALYZED IN TERMS OF FREQUENCY DISTRIBUTION, PERCENTAGES, AND/OR PROPORTIONS. (JH)

## EP 010 126

28

CURRICULAR IMPLICATIONS OF AUTOMATED DATA PROCESSING FOR EDUCATIONAL INSTITUTIONS.

INVESTIGATOR- BANGS, F. KENDRICK

UNIVERSITY OF COLORADO, SCHOOL OF BUSINESS

BUREAU NUMBER BR-5-0144  
CONTRACT OEC-6-85-030

PROP DATE 23 MAY 65

DESCRIPTORS- \*AUTOMATION, \*CURRICULUM ENRICHMENT, \*DATA PROCESSING, \*EDUCATIONAL PLANNING, \*VOCATIONAL SCHOOLS, BOULDER, COLORADO, COUNSELING SERVICES, INDUSTRY, STATISTICAL SURVEYS,

START DATE 01-01-66

END DATE 12-31-67

THE MAIN PURPOSE IS TO PROVIDE GUIDANCE FOR SCHOOLS IN EVALUATING EXISTING PROGRAMS AND FOR ESTABLISHING NEW PROGRAMS IN INTEGRATED DATA PROCESSING. INFORMATION OF POTENTIAL VALUE WILL BE COMPILED FOR MODIFICATION OF EXISTING AND ESTABLISHMENT OF FLEXIBLE, DATA PROCESSING CURRICULUMS IN OFFICE OCCUPATION-ORIENTED EDUCATIONAL PROGRAMS OFFERING LESS THAN HIGH SCHOOL DEGREES. THIS INFORMATION WILL ALSO BE OF VALUE TO COUNSELORS IN PROVIDING STUDENTS WITH OCCUPATIONAL INFORMATION IN THE DATA PROCESSING FIELD. A SAMPLE SURVEY DESIGN UTILIZING INTERVIEWS AND QUESTIONNAIRES IS PLANNED. QUESTIONNAIRES ADMINISTERED BY INTERVIEWERS WILL GATHER FACTUAL DATA ABOUT PROGRAMS BEING OFFERED IN SCHOOLS TODAY AND ABOUT EMPLOYEES' BACKGROUNDS AND DATA PROCESSING IN OFFICE WORK IN INDUSTRY. IMPLICATIONS FOR CURRICULUM CONSTRUCTION WILL BE DERIVED FROM A SCRUTINY OF THE COURSE OFFERINGS OF PUBLIC SECONDARY AND POST-SECONDARY SCHOOLS, VOCATIONAL-TECHNICAL SCHOOLS, AND PUBLIC JUNIOR COLLEGES WHICH OFFER DATA PROCESSING COURSES (FOR LESS THAN A HIGH SCHOOL DEGREE). THESE OFFERINGS WILL THEN BE VIEWED IN RELATION TO THE REQUIREMENTS OF DATA PROCESSING DEPARTMENTS OF SCHOOLS AND THE OPINIONS EXPRESSED BY PERSONNEL REGARDING DATA PROCESSING EMPLOYERS. (JH)

## EP 010 127

28

STUDY OF FACTORS RELATED TO EDUCATIONAL AND OCCUPATIONAL ASPIRATIONS OF EARLY ADOLESCENT MALES FROM CULTURALLY DEPRIVED FAMILIES.

INVESTIGATOR- DALES, RUTH

FLORIDA STATE UNIV., TALLAHASSEE

BUREAU NUMBER BR-5-0197

PROP DATE 65

CONTRACT OEC-5-85-058

DESCRIPTORS- \*ASPIRATION, \*CULTURAL DISADVANTAGEMENT, \*INDIVIDUAL DEVELOPMENT, \*SECONDARY SCHOOL STUDENTS, \*TALENTED STUDENTS, ACADEMIC ACHIEVEMENT, FAMILY LIFE, FLORIDA, HIGH ACHIEVERS, PEER RELATIONSHIP, SELF-CONCEPT, SELF-EVALUATION, STUDENT BEHAVIOR, TALLAHASSEE, UNDERACHIEVERS, VOCATIONAL INTERESTS,

START DATE 06-01-66

END DATE 08-31-68

ACADEMIC AND VOCATIONAL ASPIRATIONS OF INTELLECTUALLY COMPETENT AND ACADEMICALLY SUCCESSFUL YOUTH FROM CULTURALLY DEPRIVED AREAS, AND THEIR FRIENDSHIP PATTERNS, SELF-CONCEPTS, LEVELS OF SELF-ASSESSMENT, FAMILY SITUATIONAL VARIABLES, AND BEHAVIOR AS RATED BY TEACHERS WILL BE COMPARED TO DETERMINE SIGNIFICANT RELATIONSHIPS. A 3-YEAR LONGITUDINAL STUDY OF BOYS, WHITE AND NEGRO, WILL BE CONDUCTED, BEGINNING WHEN THE SUBJECTS ARE IN THE EIGHTH, NINTH, AND TENTH GRADES AND CONTINUING AS THEY PROGRESS DURING THE NEXT 2 YEARS. RESULTS OF THIS STUDY SHOULD ADD INSIGHT TO THE EVER-PRESENT PROBLEM OF ASSISTING TALENTED STUDENTS OF HUMBLE BACKGROUNDS IN THE

## PROJECT RESUMES

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DEVELOPMENT OF THEIR FULL POTENTIAL. (JH)

**EP 010 128**

08

CHARACTERISTICS OF FULL-TIME STUDENTS IN POST-SECONDARY TRADE COURSES.

INVESTIGATOR- NELSON, HOWARD F.

UNIV. OF MINNESOTA, COLL. OF EDUC., MINNEAPOLIS

BUREAU NUMBER BR-5-0148

PROP DATE

65

CONTRACT OEC-8-85-078

DESCRIPTORS- #HIGH SCHOOL GRADUATES, #POST-HIGH SCHOOL GUIDANCE, #VOCATIONAL EDUCATION, #VOCATIONAL SCHOOLS, DROPOUTS, MINNEAPOLIS, MINNESOTA, MINNESOTA IMPORTANCE QUESTIONNAIRE,

START DATE 12-01-65

END DATE 12-31-71

THIS STUDY WILL OBTAIN DATA FROM COMPREHENSIVE MEASUREMENTS AND THEN DETERMINE WHICH AND HOW MUCH OF EACH ELEMENT IS USEFUL TO THE PROCESS OF SELECTING AND ADMITTING APPLICANTS TO THE FULL-TIME, DAY TRADE COURSES OF VOCATIONAL-TECHNICAL SCHOOLS. THE POPULATION AND SAMPLE WILL CONSIST OF ALL PERSONS WHO HAVE LEFT THE SECONDARY SCHOOL AND WHO APPLY FOR ADMISSION TO THE TRADE CLASSES. A LARGE NUMBER OF TRAINEES WILL BE CONCENTRATED IN 15 MAJOR CURRICULUM AREAS. STATISTICAL ANALYSIS WILL BE MADE ON ALL CASES IN THE 15 MAJOR AREAS AND IN ADDITIONAL AREAS WHERE ADEQUATE NUMBERS OF CASES MAKE THE ANALYSES MEANINGFUL AND FRUITFUL. (JL)

**EP 010 129**

08

THE RELATIONSHIP BETWEEN GUIDANCE PROGRAMS AND CHANGES IN STUDENT BEHAVIOR.

INVESTIGATOR- TAMMINEN, ARMAS W.

STATE DEPT. OF EDUCATION, ST. PAUL, MINN.

BUREAU NUMBER BR-5-0195

PROP DATE

65

CONTRACT OEC-8-85-035

DESCRIPTORS- #CHANGING ATTITUDES, #GUIDANCE PROGRAMS, #PERSONAL VALUES, #STUDENT BEHAVIOR, DULUTH, MINNESOTA, RELATIONSHIPS, SOCIAL VALUES, ST. PAUL.

START DATE 08-01-65

END DATE 08-31-67

A SEARCH FOR EVIDENCE THAT GUIDANCE PROGRAMS JUSTIFY THE EFFORT AND MONEY EXPENDED ON THEM WILL BE INITIATED. THE PRESENT STUDY WILL ATTEMPT--(1) TO IDENTIFY AND MEASURE CHARACTERISTICS WHICH APPEAR TO BE INDICATIVE OF THE SATISFACTION OF SOCIAL AND PERSONAL NEEDS, (2) TO IDENTIFY AND MEASURE CHARACTERISTICS OF GUIDANCE PROGRAMS AS THEY PRESENTLY EXIST IN MINNESOTA HIGH SCHOOLS, (3) TO IDENTIFY AND MEASURE SITUATIONAL CHARACTERISTICS THAT MAY INFLUENCE OUTCOMES THOUGHT TO BE RELATED TO GUIDANCE, AND (4) TO MEASURE ANY RELATIONSHIPS BETWEEN INDICES OF SATISFACTION OF PERSONAL AND SOCIAL NEEDS, AND CHARACTERISTICS OF GUIDANCE PROGRAMS. A LARGE SHARE OF THE DATA TO BE COLLECTED IS ALREADY AVAILABLE IN THE RECORDS OF THE MINNESOTA STATE DEPARTMENT OF EDUCATION. THE REST OF THE INFORMATION WILL BE COLLECTED BY SENDING TRAINED ASSISTANTS TO SELECTED SCHOOLS TO INTERVIEW PERSONNEL, STUDY RECORDS, AND TEST AND INTERVIEW STUDENTS. DATA ON GRADUATES AND DROPOUTS WILL BE COLLECTED BY MAIL AS MUCH AS POSSIBLE, ALTHOUGH SOME PERSONAL FOLLOW-UP MAY BE NECESSARY. MAIL CONTACTS WILL BE MADE BOTH WITH

GRADUATES AND WITH THE SCHOOLS THEY ARE ATTENDING. (TC)

**EP 010 130**

08

VOCATIONAL DEVELOPMENT AND VOCATIONAL EDUCATION IN ADOLESCENCE.

INVESTIGATOR- CRITES, JOHN O.

UNIVERSITY OF IOWA, IOWA CITY

BUREAU NUMBER BR-5-0038

PROP DATE 08 JAN 68

CONTRACT OEC-5-85-018

DESCRIPTORS- #ADOLESCENCE, #BEHAVIOR DEVELOPMENT, #SKILL DEVELOPMENT, #VOCATIONAL EDUCATION, ELEMENTARY SCHOOLS, IOWA, IOWA CITY, SECONDARY SCHOOLS, VOCATIONAL DEVELOPMENT INVENTORY,

START DATE 05-01-65

END DATE 04-30-68

THE PROJECT HAS BEEN DESIGNED TO IDENTIFY THE VARIABLES WHICH ARE SIGNIFICANT IN VOCATIONAL DEVELOPMENT DURING THE ELEMENTARY, SECONDARY, AND TECHNICAL SCHOOL YEARS. IT WILL ALSO PROVIDE FOR THE COLLECTION OF CROSS-SECTIONAL AND NORMATIVE DATA AS WELL AS LONGITUDINAL DATA ON A LARGE NUMBER OF STUDENTS BOTH BEFORE AND AFTER THEY COMPLETE THEIR FORMAL EDUCATION. THE DATA WILL BE ANALYZED BY SEVERAL DIFFERENT METHODS, DEPENDING UPON THE NATURE OF THE PROBLEM BEING INVESTIGATED, BUT EMPHASIS WILL BE PLACED UPON TECHNIQUES WHICH ARE APPROPRIATE FOR THE STUDY OF SUCH VOCATIONAL DEVELOPMENT PHENOMENA AS TREND TESTS, CURVE-FITTING PROCEDURES, AND ANALYSES OF CHANGES OVER TIME. (JL)

**EP 010 131**

08

AN EXPLORATORY ANALYSIS OF THE ROLES AND ROLE CONFLICTS OF VOCATIONAL TEACHERS IN OKLAHOMA.

INVESTIGATOR- SUTKER, SOLOMON

OKLAHOMA STATE UNIV. OF AGRICULTURE AND APPLIED SCI

BUREAU NUMBER BR-5-0095

PROP DATE 08 OCT 64

CONTRACT OEC-5-85-001

DESCRIPTORS- #BEHAVIOR PATTERNS, #ROLE CONFLICT, #TEACHER CHARACTERISTICS, #TEACHER ROLE, #VOCATIONAL EDUCATION, OKLAHOMA, PUBLIC SCHOOLS, ROLE PLAYING, STATISTICAL SURVEYS, STILLWATER, TEACHER EVALUATION,

START DATE 02-01-65

END DATE 08-30-67

THE ASSEMBLY OF A DETAILED PICTURE OF THE "ACTUAL" AND "IDEAL" ROLES (BEHAVIORS AND CHARACTERISTICS) OF THE PUBLIC SCHOOL VOCATIONAL TEACHER INSIDE AND OUTSIDE THE CLASSROOM AND THE IDENTIFICATION OF SPECIFIC FORMS AND VARIETIES, AS WELL AS THE INCIDENCE, OF THEIR ROLE CONFLICTS WILL BE THE EMPIRICAL GOALS OF THIS PROJECT. THE FIRST PHASE WILL CONSIST OF DEVELOPING A CATALOG OF BEHAVIORS AND PERSONAL CHARACTERISTICS, THROUGH PILOT INTERVIEWING, WHICH ARE PERTINENT TO THE VOCATIONAL TEACHER ROLE. THESE WILL PROVIDE THE BASIS FOR INSTRUMENT DESIGN AND DEVELOPMENT FOR USE WITH A FINAL, LARGER SAMPLE. IT IS ANTICIPATED THAT THE NUMBER OF RESPONDENTS WILL BE BETWEEN 1,000 AND 1,500. VOCATIONAL TEACHERS (VOCATIONAL AGRICULTURE, DISTRIBUTIVE EDUCATION, TRADES AND INDUSTRIAL EDUCATION, TECHNICAL EDUCATION), PUBLIC SCHOOL ADMINISTRATORS, TEACHERS IN NONVOCATIONAL FIELDS, STUDENTS, PARENTS, AND MEMBERS OF SELECTED COMMUNITY GROUPS WILL BE REPRESENTED. RESULTING DATA WILL BE ANALYZED

STATISTICALLY THROUGH COMPUTER PROGRAMMING. (JH)

**EP 010 132**

24

THE VALUE OF THE SPOKEN RESPONSE IN TEACHING LISTENING SKILLS TO YOUNG CHILDREN THROUGH PROGRAMED INSTRUCTION.

INVESTIGATOR- KEISLAR, EVAN R.

UNIVERSITY OF CALIFORNIA, LOS ANGELES CAMPUS

BUREAU NUMBER BR-6-1111

PROP DATE

65

CONTRACT OEC-6-10-360

DESCRIPTORS- #LISTENING SKILLS, #PROGRAMED INSTRUCTION, #SPEAKING ACTIVITIES, CALIFORNIA, CHILDREN, COVERT RESPONSE, LANGUAGE, LOS ANGELES, OVERT RESPONSE,

START DATE 03-14-66

END DATE 12-31-87

THE PROPOSED STUDY FOCUSES ON TWO QUESTIONS RELATING TO THE INSTRUCTION OF THE YOUNG CHILD--THE EXTENT TO WHICH IT IS OF VALUE TO HAVE CHILDREN SPEAKALOUD IN LEARNING A SUBJECT FIELD AND HOW MUCH THE GENERAL SKILL OF LISTENING TO ORAL INFORMATION IS LIKEWISE IMPROVED. THE FINAL EXPERIMENT WILL DRAW UPON A POPULATION OF CHILDREN ATTENDING A NUMBER OF DAY CARE CENTERS--100 CHILDREN WILL BE SELECTED AND RANDOMLY ASSIGNED TO TWO GROUPS. THE INSTRUCTION WILL BE PRESENTED IN A MODIFIED TAPE-RECORDED COMMENTARY AND OTHER APPROPRIATE AIDS. (JL)

**EP 010 133**

24

PREPARATION OF A COMPLETE EDITION OF THE WRITINGS OF HERMAN MELVILLE IN CLEAR TEXT.

INVESTIGATOR- HARRISON, HAYFORD

NORTHWESTERN UNIV., EVANSTON, ILL.

BUREAU NUMBER BR-5-1360

PROP DATE

65

CONTRACT OEC-6-10-009

DESCRIPTORS- #AMERICAN LITERATURE, #BIBLIOGRAPHY, #LITERATURE GUIDES, #PUBLICATIONS, #RESOURCE MATERIALS, EVANSTON, HERMAN MELVILLE, ILLINOIS, INSERVICE PROGRAMS, READING MATERIALS, TEXTBOOK PUBLICATIONS.

START DATE 07-01-65

END DATE 06-30-67

THE PRINCIPAL OBJECTIVE OF THIS PROJECT IS TO PREPARE AUTHORITATIVE TEXTS OF THE COMPLETE WORKS OF HERMAN MELVILLE, TOGETHER WITH EQUALLY AUTHORITATIVE INTRODUCTIONS AND A BIBLIOGRAPHY. THE PROJECT ITSELF WILL BE THE FIRST STEP OF A MAJOR ENDEAVOR WITHIN AMERICAN SCHOLASTIC CIRCLES DURING THE NEXT DECADE TO BRING OUT THE COMPLETE WORKS OF ALL CLASSIC AMERICAN AUTHORS IN STANDARD EDITIONS, WITH AUTHORITATIVE TEXTS AND SCHOLARLY ANNOTATIONS OR COMMENTARIES. IN THIS CONTEXT, HERMAN MELVILLE WAS VOTED IN A 1963 POLL OF AMERICAN LITERATURE PROFESSORS AS THE AUTHOR WHOSE WORKS MOST URGENTLY REQUIRE A COMPLETE NEW EDITION. IN ADDITION, SECONDARY OBJECTIVES OF THIS PROJECT WILL INCLUDE THE INSERVICE TRAINING OF GRADUATE STUDENTS IN BIBLIOGRAPHICAL AND EDITORIAL PROCEDURES, AND THE DEVELOPMENT OF APPLICATIONS OF SCIENTIFIC TECHNIQUES AND APPARATUS TO THE LITERARY AND BIBLIOGRAPHICAL PROBLEMS INVOLVED. THE PROCEDURES WILL BE BASED ON (1) AN EDITORIAL ORGANIZATION DESIGNED TO TAKE ADVANTAGE OF BOTH THE BEST BIBLIOGRAPHICAL KNOWLEDGE AND THE BEST MELVILLE SCHOLARSHIP, (2) CONSIDERATION OF THE BEST CURRENT THEORIES OF EDITING LITERARY WORKS, (3) CONSULTATIONS

WITH EDITORS OF OTHER EDITIONS NOW IN PROGRESS (NOTABLY OF HAWTHORNE AND TWAIN), AND (4) ADAPTATION OF THESE THEORIES AND PROCEDURES TO THE SPECIAL PROBLEMS PRESENTED BY MELVILLE'S WORKS. (JH)

**EP 010 134**

24

THE MUSEUMS AS A SOCIAL CONTEXT FOR ART.

INVESTIGATOR- MARINER, D.

UNIVERSITY OF ROCHESTER, N. Y.

BUREAU NUMBER BR-6-8072

PROP DATE 09 AUG 65

CONTRACT OEC-6-10-298

DESCRIPTORS- #CULTURAL ENRICHMENT, #FINE ARTS, #INSTITUTIONAL ENVIRONMENT, #MUSEUMS, #SOCIAL INFLUENCES, COMMUNITY EDUCATION, CULTURAL CENTERS, CULTURAL IMAGES, GENEVA, NEW YORK, ORGANIZATION, PUBLIC SUPPORT, RESEARCH METHODOLOGY, ROCHESTER,

START DATE 02-01-66

END DATE 02-01-67

A COMMUNITY FINE ARTS MUSEUM (THE MEMORIAL ART GALLERY OF ROCHESTER, NEW YORK) WILL BE INVESTIGATED THROUGH AN ANALYSIS OF ITS ONGOING ORGANIZATION AND ALL OF ITS ACTIVITIES FOR 1 YEAR TO DETERMINE ITS RELATIVE IMPORTANCE AS A CULTURAL MEDIUM FOR ART IN MODERN WESTERN SOCIETY. THE PROBLEMS SUCH AN INSTITUTION ENCOUNTERS, AS IT FACES THE NEED OF PUBLIC FINANCIAL SUPPORT, AND ALSO, THE MAINTENANCE OF ITS PROFESSIONAL STANDARDS, WILL BE THE RESEARCH FOCUS. ITS SUCCESSES AND FAILURES, AND REASONS FOR THEM, WILL BE DESCRIBED. EXPLORATORY STUDIES WILL CONSIST OF A COMBINATION OF OBSERVATIONS OF MUSEUM OPERATIONS, PERSONNEL, AND PUBLIC PARTICIPANTS, AND STRUCTURED INTERVIEWS TO FORM THE BACKGROUND OF THE RESEARCH METHODOLOGY. (JH)

**EP 010 135**

24

A SYSTEM FOR RETRIEVING THEATER MATERIAL.

INVESTIGATOR- BOWMAN, NED A.

UNIVERSITY OF PITTSBURGH

BUREAU NUMBER BR-5-8447

PROP DATE 68

CONTRACT OEC-6-10-247

DESCRIPTORS- #DATA PROCESSING, #RESOURCE MATERIALS, #SYSTEMS ANALYSIS, #SYSTEMS DEVELOPMENT, #THEATER ARTS, DATA ANALYSIS, INFORMATION RETRIEVAL, INFORMATION STORAGE, PENNSYLVANIA, PITTSBURGH, PRODUCTION TECHNIQUES, RESEARCH METHODOLOGY,

START DATE 11-01-65

END DATE 01-01-67

AN INFORMATION SYSTEM WILL BE DESIGNED AND DEVELOPED TO PROVIDE RAPID AND INEXPENSIVE ANALYSIS, STORAGE, AND RETRIEVAL OF EPHEMERAL MATERIALS RELATING TO THEATER PRODUCTION, INCLUDING PROGRAMS, POSTERS, PROMPT BOOKS, SKETCHES, AND BUSINESS RECORDS. INITIALLY, A TENTATIVE SYSTEM WILL BE BUILT AND TESTED IN A UNIVERSITY RESEARCH METHODS CLASS. MICROFILM IMAGES OF 10,000 SCRAPBOOK ITEM PAGES FROM A COLLECTION OF THEATER EPHEMERA LOANED FOR THIS PROJECT, AND OTHERWISE UNCATALOGED AND UNAVAILABLE FOR STUDENT USE, WILL BE FEED INTO THE SYSTEM FOR STUDENT REFERENCE. THE USER WILL MECHANICALLY RETRIEVE THE MATERIALS, USING AVAILABLE SORTING EQUIPMENT. AFTER A SPECIFIC PERIOD OF USE, THE SYSTEM WILL BE EXAMINED FOR POSSIBLE MODIFICATIONS. DETAILED INFORMATION ON THE MODIFIED SYSTEM WILL THEN BE SENT TO FIVE SIGNIFICANT

## PROJECT RESUMES

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## PROFESSIONAL ORGANIZATIONS FOR FINAL EVALUATION. (JH)

**EP 010 136**

24

CRITIQUE OF RESEARCH STUDIES IN MUSIC EDUCATION.  
 INVESTIGATOR- COLWELL, RICHARD  
 UNIVERSITY OF ILLINOIS, URBANA  
 BUREAU NUMBER BR-5-8446  
 CONTRACT OEC-6-10-245

PROP DATE 65

DESCRIPTORS- #BIBLIOGRAPHY, #INFORMATION DISSEMINATION,  
 #MUSIC EDUCATION, #RESEARCH PROJECTS, #TEACHING GUIDES, DATA  
 COLLECTION, ILLINOIS, PUBLICATIONS, TEACHING QUALITY, URBANA,

START DATE 09-01-65

END DATE 02-28-69

HIGH-QUALITY CRITIQUES OF RESEARCH STUDIES IN MUSIC EDUCATION WILL BE IDENTIFIED, OBTAINED, AND MADE AVAILABLE FOR USE, WITH THE 2-FOLD AIM OF IMPROVING BOTH TEACHING AND RESEARCH IN THE FIELD. THESE WILL BE NOT ONLY CRITICAL STUDY ESTIMATES BUT ALSO MEANINGFUL SUMMARIES IN TERMS OF IMPLICATIONS WHICH EACH PIECE OF RESEARCH HOLDS FOR THE MUSIC EDUCATOR. THE PROJECT WILL BE LIMITED TO THOSE STUDIES IDENTIFIED BY THE OHIO STATE PROJECT, "AN EVALUATION AND SYNTHESIS OF RESEARCH STUDIES RELATING TO MUSIC EDUCATION" (SCHNEIDER AND CADY), AND BY COUNCIL MEMBERS AND MUSIC EDUCATION STUDIES IN "DISSERTATION ABSTRACTS" (1960-1967). (JH)

**EP 010 137**

08

AN ECONOMIC STUDY OF THE INVESTMENT EFFECTS OF EDUCATION IN AGRICULTURE.  
 INVESTIGATOR- PERSONS, EDGAR  
 UNIV. OF MINNESOTA, COLL. OF EDUC., MINNEAPOLIS  
 BUREAU NUMBER BR-5-0177  
 CONTRACT OEC-6-85-091

PROP DATE 27 MAY 65

DESCRIPTORS- #ADULT EDUCATION, #AGRICULTURE, #ECONOMIC ANALYSIS, #SOCIOECONOMIC STATUS, #TRAINING, CULTURAL ENRICHMENT, ECONOMIC FACTORS, EDUCATIONAL PROGRAMS, INCOME, MINNEAPOLIS, MINNESOTA,

START DATE 01-31-66

END DATE 01-02-68

A MICRO-ECONOMIC STUDY WILL BE CONDUCTED TO DETERMINE THE INVESTMENT EFFECTS OF EDUCATION, THE EXTENT OF DIMINISHING RETURNS ON CERTAIN EDUCATIONAL INPUTS, AND THE APPROPRIATE INVESTMENT CRITERIA FOR ADULT EDUCATION PROGRAMS IN AGRICULTURE. THE STUDY SAMPLE WILL BE DRAWN FROM FARM OPERATORS WHOSE BUSINESS ACCOUNTS ARE DETAILED AND PRECISE AND WHO ARE ENGAGING IN OR WILL ENGAGE IN A MANAGEMENT AGRICULTURAL, INSTRUCTIONAL PROGRAM. A MULTIPLE REGRESSION ANALYSIS WILL BE EMPLOYED TO DETERMINE THE EXTENT TO WHICH THESE EDUCATIONAL PROGRAMS AFFECT FARM INCOME. THE ECONOMIC EFFECTS ON INCOME WILL THEN BE EXAMINED USING LINEAR AND CURVILINEAR EQUATIONS TO DETERMINE THEIR SUBJECTIVENESS TO THE DIMINISHING RETURNS EFFECT. IN ADDITION, AN EFFORT WILL BE MADE TO ESTABLISH SOME SIGNIFICANT SOCIAL-CULTURAL EFFECTS ON FARMERS TAKING OR WHO HAVE TAKEN THE INSTRUCTIONAL PROGRAM, THROUGH INFORMAL INTERVIEWS AND OBSERVATIONS OF AVAILABLE DATA. (JH)

**EP 010 138**

08

STATE AND LOCAL GOVERNMENTS AS EMPLOYERS OF YOUTH TRAINED IN VOCATIONAL-TECHNICAL SCHOOLS.  
 INVESTIGATOR- SCHETZ, EDWARD  
 UNIVERSITY OF WISCONSIN, MADISON  
 BUREAU NUMBER BR-5-0174  
 CONTRACT OEC-6-85-054

PROP DATE 65

DESCRIPTORS- #CITY GOVERNMENT, #EMPLOYMENT OPPORTUNITIES,  
 #STATE GOVERNMENT, #VOCATIONAL EDUCATION, #YOUTH EMPLOYMENT, EMPLOYMENT PRACTICES, EMPLOYMENT QUALIFICATIONS, EMPLOYMENT SERVICES, JOB MARKET, JOB PLACEMENT, JOB TRAINING, MADISON, MANPOWER UTILIZATION, OCCUPATIONAL INFORMATION, WISCONSIN,

START DATE 10-15-65.

END DATE 03-31-67

STATE AND LOCAL GOVERNMENT EMPLOYMENT SPECIFICATIONS WHICH ARE RELEVANT TO CURRENT AND PROSPECTIVE PROGRAMS OF VOCATIONAL-TECHNICAL SCHOOLS WILL BE IDENTIFIED TO SERVE AS A BASE AND THE FIRST PHASE OF A THREE-STEP PROJECT AIMED AT PROVIDING A BENCHMARK FOR RELATIONSHIPS BETWEEN VOCATIONAL SCHOOL GRADUATES AND STATE AND LOCAL GOVERNMENT EMPLOYMENT OFFICES. THESE SPECIFICATIONS WILL BE COLLECTED AND ANALYZED FOR ALL JOBS THAT ARE NOT ELECTIVE OR DO NOT REQUIRE A BACCALAUREATE OR RECOGNIZED PROFESSIONAL LICENSE, IN ORDER TO DEVELOP A PERSONNEL STRUCTURE INTO WHICH VOCATIONALLY TRAINED YOUTH MIGHT ENTER. IN ADDITION, QUESTIONNAIRE BACKGROUND DATA ON CITY, COUNTY, AND STATE GOVERNMENT EMPLOYEES ARE TO BE GATHERED AND EXAMINED TO PROVIDE COMPLETE PICTURES OF ACTUAL RECRUITING PRACTICES AND THE ACTUAL GOVERNMENTAL JOB MARKET FOR GRADUATES FROM VOCATIONAL SCHOOLS. THIS INFORMATION WILL THEN BE REVIEWED IN THE LIGHT OF THE HISTORY OF PERSONNEL ADMINISTRATION PRACTICES IN EACH OF THE JURISDICTIONS SURVEYED AND THE TRENDS OF LOCAL VOCATIONAL SCHOOL OFFERINGS THAT WOULD HAVE BEEN RELEVANT TO POSITIONS IN GOVERNMENT EMPLOYMENT. (JH)

**EP 010 139**

08

A MULTI-MEDIA APPROACH TO COMMUNICATING OCCUPATIONAL INFORMATION TO NON-COLLEGE YOUTH.

INVESTIGATOR- MARTIN, ANN  
 UNIV. OF PITTSBURGH, CTR. FOR LIB. AND ED. MEDIA STUD.  
 BUREAU NUMBER BR-5-0162  
 CONTRACT OEC-6-85-052

PROP DATE 15 SEP 65

DESCRIPTORS- #GUIDANCE COUNSELING, #HIGH SCHOOL GRADUATES, #OCCUPATIONAL INFORMATION, #SKILL DEVELOPMENT, #VOCATIONAL COUNSELING, COMMUNICATIONS, INSERVICE TEACHER EDUCATION, PENNSYLVANIA, PITTSBURGH,

START DATE 10-01-65

END DATE 11-30-67

MATERIALS AND PROCEDURES NEEDED TO CONVEY INFORMATION ON THE IMPORTANT ASPECTS OF EDUCATION AND WORK IN TODAY'S WORLD ARE TO BE DESIGNED AND DEVELOPED. THESE MATERIALS WILL BE DESIGNED SPECIFICALLY FOR THE VOCATIONAL GUIDANCE OF NONCOLLEGE YOUTH. THE SYSTEM OF MATERIALS DEVELOPED WILL ALSO PROVIDE INSERVICE TRAINING FOR SECONDARY SCHOOL GUIDANCE COUNSELORS IN THE USE OF THE NEW MATERIALS FOR GUIDANCE PURPOSES. FOLLOWING AN INITIAL WORKING CONFERENCE TO DEFINE THE PRESENT STATE OF THE ART, THE BASIC WORK PROGRAM WILL INCLUDE--(1) SETTING OF SPECIFICATIONS FOR DEVELOPMENT OF

INSTRUCTIONAL AND INFORMATION MATERIALS DESIRED, (2) DESIGN, DEVELOPMENT, PRODUCTION, AND TRYOUTS OF THESE MATERIALS, AND (3) GENERAL EVALUATION OF THE EFFECTIVENESS OF THE PROGRAM IN EXPERIMENTAL SCHOOLS. (JL)

## EP 010 140

08

EFFECTIVENESS OF SELECTED PSYCHOLOGICAL TESTS IN PREDICTING VOCATIONAL SUCCESS.

INVESTIGATOR- NORTH, WILLARD E.

CENTRAL MISSOURI STATE COLL., WARRENSBURG

BUREAU NUMBER BR-5-0181

PROP DATE 22 FEB 65

CONTRACT OEC-6-85-025

DESCRIPTORS- #HIGH SCHOOL ROLE, #LOW ACHIEVEMENT FACTOR, #STUDENT PLACEMENT, #VOCATIONAL EDUCATION, DIFFERENTIAL APTITUDE TESTS, DROPOUTS, FORM C, GENERAL APTITUDE TEST BATTERY, KUDER PREFERENCE RECORD, MISSOURI, WARRENSBURG,

START DATE 09-01-65

END DATE 08-31-68

AN OUTLINE FOR A RESEARCH PROJECT IS PROPOSED DEALING WITH THE PROBLEM OF STUDENT PLACEMENT. MORE SPECIFICALLY, THE RESEARCH WILL EXAMINE THE RELATIONSHIP OF STUDENT PERFORMANCE ON THE GENERAL APTITUDE TEST BATTERY, DEVELOPED BY THE UNITED STATES EMPLOYMENT SERVICE, AND SUCCESS IN VOCATIONAL EDUCATION COURSES AT THE HIGH SCHOOL LEVEL. STUDENTS WHO ENROLL IN ONE OF FIVE VOCATIONAL COURSES AT THE ELEVENTH GRADE LEVEL IN THE FALL OF 1965 AND 1966 WILL SERVE AS SUBJECTS. A MINIMUM OF 300 STUDENTS IN EACH VOCATIONAL AREA WILL BE TESTED EACH YEAR. THESE STUDENTS WILL BE ADMINISTERED THE GENERAL APTITUDE TEST BATTERY AND KUDER PREFERENCE RECORD, FORM C. CRITERION MEASURES WILL BE OBTAINED AT THE END OF THE FIRST AND SECOND YEARS OF THE COURSE. A JOB SUCCESS RATING WILL BE OBTAINED AT THE END OF THE FIRST YEAR ON THE JOB FOR THOSE STUDENTS ENTERING ONE OF THE COURSES IN 1965. (JL)

## EP 010 141

08

SOCIOECONOMIC BACKGROUND AND OCCUPATIONAL ACHIEVEMENT, EXTENSIONS OF A BASIC MODEL.

INVESTIGATOR- DUNCAN, OTIS D.

UNIVERSITY OF MICHIGAN, ANN ARBOR

BUREAU NUMBER BR-5-0074

PROP DATE FEB 65

CONTRACT OEC-5-85-072

DESCRIPTORS- #OCCUPATIONAL REWARDS, #SOCIAL PSYCHOLOGY, #SOCIAL STRUCTURE, #SOCIOECONOMIC BACKGROUND, ANN ARBOR, DEMOGRAPHY, MICHIGAN, PEER GROUP,

START DATE 08-01-65

END DATE 05-30-67

THE PRIMARY OBJECTIVES OF THE STUDY ARE--(1) TO ELABORATE AND EXTEND A BASIC MODEL OF THE PROCESS CONNECTING SOCIOECONOMIC BACKGROUND AND OCCUPATIONAL ACHIEVEMENT, (2) TO IDENTIFY AND MEASURE THE INFLUENCE OF VARIABLES HITHERTO RECOGNIZED AS RESIDUAL FACTORS IN THE BASIC MODEL, (3) TO CONSIDER A VARIETY OF SOCIAL-PSYCHOLOGICAL AND SOCIAL-STRUCTURAL VARIABLES AS INTERVENING FACTORS, INSERTING THEM INTO THE BASIC MODEL AND EVALUATING THEIR ROLE IN THE TOTAL PROCESS UNDER STUDY, AND (4) TO TEST THE RESULTING ELABORATED MODEL FOR CONSISTENCY. THE PROCEDURES TO BE USED ARE TO COLLATE RESULTS ALREADY IN HAND OR READILY AVAILABLE

RATHER THAN COLLECT NEW DATA. (TC)

## EP 010 142

DEVELOPMENT OF TRAINING PROGRAMS FOR YOUTH PREPARING TO ENTER NONFARM JOBS.

INVESTIGATOR- MONDART, C. L.

LOUISIANA STATE UNIV. AND A AND M COLL. SYSTEM

BUREAU NUMBER BR-5-0016

PROP DATE 15 FEB 65

CONTRACT OEC-5-85-040

DESCRIPTORS- #AGRICULTURE, #OCCUPATIONAL GUIDANCE, #OCCUPATIONAL INFORMATION, #TRAINING, #VOCATIONAL COUNSELING, BATON ROUGE, EDUCATIONAL PROGRAMS, LOUISIANA, SURVEYS, VOCATIONAL EDUCATION,

START DATE 08-01-65

END DATE 08-31-67

A TRAINING PROGRAM FOR YOUTH PREPARING TO ENTER NONFARM AGRICULTURAL JOBS WILL BE DEVELOPED. THE PROGRAM WILL INCLUDE AN IDENTIFICATION AND DESCRIPTION OF AGRICULTURAL OCCUPATIONS OTHER THAN FARMING AND RANCHING. DATA GATHERED WILL PROVIDE INFORMATION FOR REVISION OF PRESENT AGRICULTURAL TRAINING PROGRAMS. FOUR EXPERIENCED AGRICULTURAL TEACHERS WILL BE APPOINTED TO THE STAFF AS RESEARCH ASSOCIATES AND ACTUAL SURVEYS WILL BE MADE BY AGRICULTURAL TEACHERS TRAINED AND DIRECTED BY THESE STAFF MEMBERS. THE RESEARCH ASSOCIATES WILL THEN TABULATE SURVEY RESULTS, ADJUST SUCH RESULTS TO THE DICTIONARY OF OCCUPATIONAL TITLES, PREPARE JOB DESCRIPTIONS, AND DEVELOP TRAINING PROGRAMS FOR DEMONSTRATION AND EVALUATION PRIOR TO THEIR USE IN STATE SCHOOLS. NONFARM AGRICULTURAL CONCERN LOCATED IN THE RURAL AREAS OF THE STATE WILL BE SURVEYED. FINDINGS WILL BE COMBINED WITH DATA OBTAINED FROM A PREVIOUS SURVEY OF URBAN CENTERS AND ARE EXPECTED TO GIVE BASIC INFORMATION OF SUFFICIENT DEPTH TO BUILD FUNCTIONAL TRAINING PROGRAMS AT ALL EDUCATIONAL LEVELS AND FOR SPECIFIC OCCUPATIONAL OBJECTIVES. (GC)

## EP 010 143

08

USE OF COMPUTER TECHNOLOGY IN VOCATIONAL COUNSELING.

INVESTIGATOR- COGSWELL, JOHN F.

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.

BUREAU NUMBER BR-5-0141

PROP DATE 20 MAY 65

CONTRACT OEC-6-85-076

DESCRIPTORS- #GUIDANCE SERVICES, #INFORMATION PROCESSING, #INFORMATION RETRIEVAL, #VOCATIONAL COUNSELING, #VOCATIONAL EDUCATION, CALIFORNIA, COMPUTER PROGRAMS, SANTA MONICA, STUDENT PROBLEMS, STUDENT RECORDS,

START DATE 12-01-65

END DATE 05-31-67

THE PURPOSE IS TO STUDY THE APPLICATION OF MODERN INFORMATION PROCESSING TECHNOLOGY IN VOCATIONAL COUNSELING UNDER FIELD CONDITIONS. TWELVE VOCATIONAL EDUCATION INSTALLATIONS, TWO STATE EMPLOYMENT AGENCIES, AND ONE PRIVATE AND ONE MUNICIPAL VOCATIONAL GUIDANCE OPERATION WILL BE SURVEYED. A VOCATIONAL EDUCATION FIELD SITE WILL BE SELECTED AND THE COUNSELING PROCEDURES WILL BE ANALYZED IN DETAIL. A SYSTEM WILL BE DEVELOPED BY A PLANNING TEAM CONSISTING OF THE COUNSELOR AT THE FIELD SITE, THE RESEARCHERS, AND THE CONSULTANTS. (JL)

## PROJECT RESUMES

PAGE 8

**EP 010 144**

08

THE EFFECTIVENESS OF EXPERIMENTAL CONFERENCES.  
 INVESTIGATOR- KATZ, DANIEL  
 UNIV.OF MICHIGAN, INST. FOR SOCIAL RESEARCH,  
 BUREAU NUMBER BR-5-1158  
 CONTRACT OEC-6-85-064

PROP DATE

64

DESCRIPTORS- \*CAREER PLANNING, \*CONFERENCES, \*NEGRO EDUCATION, \*NEGRO INSTITUTIONS, \*VOCATIONAL EDUCATION, ANN ARBOR, CAREER OPPORTUNITIES, INDUSTRIAL EDUCATION, MICHIGAN, RESEARCH PROJECTS, VOCATIONAL INTERESTS,

START DATE 12-01-85

END DATE 05-31-87

THE PROPOSED PROJECT INVOLVES THE SETTING UP OF A SERIES OF CONFERENCES IN SOUTHERN NEGRO INSTITUTIONS TO SECURE EFFECTIVE DISSEMINATION OF RESEARCH FINDINGS PREVIOUSLY OBTAINED IN EACH OF THESE SCHOOLS. THESE FINDINGS HAVE TO DO WITH THE CAREER CHOICES OF STUDENTS RELATED TO SELECTION OF VOCATIONAL TEACHING AS A CAREER AND TO ENTRANCE INTO VOCATIONAL AND TECHNICAL OCCUPATIONS. THE PROJECT ALSO INCLUDES PROVISION FOR RESEARCH EVALUATION OF THE FEEDBACK PROCEDURES RELATED TO CAREERS IN VOCATIONAL TEACHING AND TECHNICAL OCCUPATIONS AND THE EFFECT OF SYSTEMATIC RESEARCH FEEDBACK UPON INSTITUTIONAL CHANGES FOR CHANNELING STUDENTS INTO SUCH CAREERS. (GC)

**EP 010 145**

08

WORK-MOTIVATION AND PROBLEM-SOLVING STYLE, A CROSS-NATIONAL STUDY OF ACHIEVEMENT IN SCHOOL CHILDREN.  
 INVESTIGATOR- PECK, ROBERT  
 UNIVERSITY OF TEXAS, COLL. OF EDUCATION, AUSTIN  
 BUREAU NUMBER BR-5-0122  
 CONTRACT OEC-5-85-063

PROP DATE 18 FEB 85

DESCRIPTORS- \*ETHNIC GROUPS, \*LOW INCOME, \*PROBLEM SOLVING, \*VOCATIONAL EDUCATION, \*VOCATIONAL INTERESTS, AUSTIN, BEHAVIOR PATTERNS, BRAZIL, COMPARATIVE ANALYSIS, CULTURALLY DISADVANTAGED, ENGLAND, GERMANY, ITALY, JAPAN, MEXICO, MIDDLE CLASS, SOCIOECONOMIC STATUS, TEXAS, UNITED STATES, YUGOSLAVIA.

START DATE 06-01-85

END DATE 02-28-89

THIS STUDY WILL IDENTIFY AND DEVELOP WAYS OF MEASURING METHODS OF COPING WITH WORK-RELATED PROBLEMS AMONG CHILDREN AND YOUTH IN SEVERAL SUBCULTURES IN THE UNITED STATES AND IN SOME CONTRASTING COUNTRIES. THE ULTIMATE AIM IS TO INCREASE KNOWLEDGE OF THE COPING SKILLS NEEDED TO ACHIEVE ACADEMIC AND VOCATIONAL COMPETENCE SO THAT FUTURE POLICIES AND PRACTICES IN VOCATIONAL EDUCATION CAN BE WISELY DESIGNED. THE THREE-STAGE INVESTIGATION WILL STUDY (1) THE VOCATIONAL GOALS AND THE PROBLEM-SOLVING BEHAVIOR OF CHILDREN WHO ARE COMPETENT AND THOSE WHO ARE NOT, (2) OCCUPATIONAL VALUES AND THE COPING STYLES PREFERRED BY THE CHILDREN'S TEACHERS AND BY ADULTS REPRESENTING APPROPRIATE OCCUPATIONS, AND (3) THE DEVELOPMENT AND CROSS-VALIDATION OF AN ASSESSMENT BATTERY FOR MEASURING PROBLEM-SOLVING SKILLS. OUTCOMES WILL INCLUDE REPORTS ON THE PLACE OF WORK AND THE COPING STYLES NEEDED TO ACHIEVE OCCUPATIONAL SUCCESS IN THE LATIN-AMERICAN, NEGRO, AND ANGLO-AMERICAN SUBCULTURES IN THE UNITED STATES, BRAZIL, ENGLAND, GERMANY, ITALY, JAPAN, YUGOSLAVIA, AND MEXICO. (GC)

**EP 010 146**

08

CHANGING TEACHER MORALE--AN EXPERIMENT IN FEEDBACK OF IDENTIFIED PROBLEMS TO TEACHERS AND PRINCIPALS.  
 INVESTIGATOR- BENTLEY, RALPH B.  
 PURDUE UNIV., LAFAYETTE, IND.  
 BUREAU NUMBER BR-5-0151  
 CONTRACT OEC-6-85-064

DESCRIPTORS- \*CHANGING ATTITUDES, \*PRINCIPALS, \*TEACHER ATTITUDES, \*TEACHER MOTIVATION, COMMUNITY SUPPORT, HIGH SCHOOLS, INDIANA, LAFAYETTE, OREGON, PURDUE TEACHER OPINIONNAIRE, RESEARCH PROJECTS, TEACHER ROLE, TEACHER SALARIES,

START DATE 10-01-85

END DATE 09-30-87

THE PROJECT IS CONCERNED WITH CHANGING TEACHER MORALE AND IDENTIFYING PROBLEMS TO TEACHERS AND PRINCIPALS. A PRETEST, POST-TEST, EXPERIMENTAL GROUP DESIGN WILL BE USED. THE INDEPENDENT VARIABLE (FEEDBACK PLUS FEEDBACK FOLLOWUP) WILL CONSIST OF FEEDING BACK TO TEACHERS AND PRINCIPALS INFORMATION ABOUT PROBLEMS AND TENSIONS IDENTIFIED BY TEACHERS AS AFFECTING THEIR MORALE. TEACHER MORALE, THE DEPENDENT VARIABLE WILL BE MEASURED BY THE PURDUE TEACHER OPINIONNAIRE. THIS INSTRUMENT INCLUDES 100 ITEMS AND 10 FACTORS IDENTIFIED AND REVISED ON THE BASIS OF 4 FACTOR ANALYSES. THE 10 FACTORS ARE TEACHER RAPPORT WITH PRINCIPAL, SATISFACTION WITH TEACHING, RAPPORT AMONG TEACHERS, TEACHER SALARY, TEACHER LOAD, CURRICULUM ISSUES, TEACHER STATUS, COMMUNITY SUPPORT OF EDUCATION, SCHOOL FACILITIES AND SERVICES, AND COMMUNITY PRESSURE. STUDY POPULATION WILL INCLUDE 60 INDIANA AND 15 OREGON HIGH SCHOOLS WHICH ENROLL STUDENTS IN AT LEAST TWO VOCATIONAL AREAS, THAT IS, IN SUCH AREAS AS AGRICULTURAL EDUCATION, BUSINESS EDUCATION, COOPERATIVE EDUCATION, AND DISTRIBUTIVE EDUCATION. ANALYSIS OF COVARIANCE, NUMBER, PROPORTION, AND CHI-SQUARE WILL BE USED TO TEST HYPOTHESES AND TO SUMMARIZE DATA FOR THE STUDY. (GC)

**EP 010 147**

08

PLANNED AND UNPLANNED ASPECTS OF OCCUPATIONAL CHOICES BY YOUTH.

INVESTIGATOR- ELLIS, ROBERT A.  
 UNIVERSITY OF OREGON, EUGENE  
 BUREAU NUMBER BR-5-0052  
 CONTRACT OEC-5-85-026

PROP DATE 11 DEC 84

DESCRIPTORS- \*CAREER CHOICE, \*DATA ANALYSIS, \*DATA COLLECTION, \*OCCUPATIONAL CHOICE, \*YOUTH, DECISION-MAKING SKILLS, EDUCATIONAL PROGRAMS, EDUCATIONAL RESEARCH, EUGENE, METHODOLOGY, OREGON,

START DATE 03-19-85

END DATE 11-30-88

THE GENERAL AIM IS TO LEARN THE NATURE OF THE OCCUPATIONAL DECISION PROCESS AND THE SOCIAL AND PERSONAL FACTORS THAT FACILITATE, IMPEDE, OR PREVENT YOUTH IN OUR SOCIETY FROM DEVELOPING OCCUPATIONAL GOALS THAT CAN BE EFFECTIVELY AND REALISTICALLY IMPLEMENTED. THE PRESTUDY PHASE, WHICH IS THE SUBJECT OF THE PRESENT PROPOSAL, ENTAILS THE FOLLOWING TASKS--(1) SYSTEMATIC COLLATION AND EVALUATION OF AVAILABLE KNOWLEDGE ON THE OCCUPATIONAL DECISION PROCESS

AND ITS RELATED FACTORS, (2) REFINEMENT OF METHODOLOGICAL MEASURING BY PERFECTING EXISTING TECHNIQUES, DEVELOPING NEW TECHNIQUES, TRANSLATING INSTRUMENTS INTO TERMS USABLE AT DIFFERENT EDUCATIONAL AND SOCIAL LEVELS, AND DEVELOPING MACHINE DATA ANALYSIS PROCEDURES, (3) COMPILATION OF MAIN VARIABLES TO BE USED IN THE RESEARCH, AND (4) ESTABLISHMENT AND CONDUCTION OF A NATIONWIDE STUDY TO TEST THE CONCEPTS AND HYPOTHESES THAT HAVE BEEN FORMULATED. (GC)

**EP 010 148**

08

STUDY OF YOUTH IN HIGH SCHOOL AT WORK AND UNEMPLOYED.

INVESTIGATOR- KAHN, ROBERT

UNIV. OF MICHIGAN, INST. FOR SOCIAL RESEARCH,

BUREAU NUMBER BR-5-0196

PROP DATE

85

CONTRACT OEC-5-85-054

DESCRIPTORS- #DROPOUTS, #ENVIRONMENTAL DIFFERENCES, #UNEMPLOYMENT, #YOUTH EMPLOYMENT, ANN ARBOR, HIGH SCHOOLS, MALE, MICHIGAN, WORK EXPERIENCE,

START DATE 08-01-65

END DATE 05-31-71

THIS STUDY OF ADOLESCENT BOYS WILL (1) COMPARE THE EFFECTS OF SCHOOL, WORK, AND UNEMPLOYMENT AS PATTERNS OF EDUCATION AND SOCIALIZATION, (2) PROVIDE A SET OF DATA WHICH WILL SERVE AS A BASIS OF COMPARISON FOR EDUCATIONAL INNOVATIONS, AND (3) CONTRIBUTE TO AN ENVIRONMENTAL THEORY OF HUMAN BEHAVIOR AND WELL-BEING BY DESCRIBING THESE THREE PATTERNS OF EDUCATION AND SOCIALIZATION, AND THEIR EFFECTS, IN TERMS OF THE SAME CONCEPTUAL DIMENSIONS. ABOUT 90 SCHOOLS WILL BE SELECTED FROM AMONG THE HIGH SCHOOLS WITHIN THE 75 PRIMARY SAMPLING UNITS OF THE SURVEY RESEARCH CENTER. FIFTEEN SCHOOLS WILL BE SELECTED ON A "DISCRETIONARY" BASIS. DATA FROM THESE SCHOOLS WILL BE ANALYZED SEPARATELY. THREE ADDITIONAL SCHOOLS WILL BE SELECTED PURPOSEFULLY TO PROVIDE A SPECIAL PILOT GROUP. FROM THESE 3 GROUPS OF SCHOOLS, ABOUT 3000 10TH-GRADE MALE STUDENTS WILL BE SELECTED FOR PERSONAL INTERVIEWS AND GROUP-ADMINISTRATION MEASURES. AFTER COLLECTION OF THE INITIAL DATA, THE SUBJECTS WILL BE INTERVIEWED TWO MORE TIMES (AT APPROXIMATELY 18-MONTH INTERVALS) AND WILL RECEIVE INTERIM CONTACTS UNTIL ALL HAVE LEFT HIGH SCHOOL, EITHER AS DROPOUTS OR AS GRADUATES. (JL)

**EP 010 149**

08

ENVIRONMENTAL INFLUENCES ON OCCUPATIONAL PROGRAMS OF PUBLIC JUNIOR COLLEGES.

INVESTIGATOR- HENDRIX, VERNON L.

UNIV. OF MINNESOTA, COLL. OF EDUC., MINNEAPOLIS

BUREAU NUMBER BR-5-0120

PROP DATE 20 JUL 65

CONTRACT OEC-6-85-020

DESCRIPTORS- #ENVIRONMENTAL INFLUENCES, #FAILURE FACTOR, #JUNIOR COLLEGES, #SOCIAL PSYCHOLOGY, #VOCATIONAL EDUCATION, MINNEAPOLIS, MINNESOTA, #VACHIEVERS, UNDERACHIEVERS,

START DATE 09-01-65

END DATE 08-31-69

THE GENERAL OBJECTIVE IS TO DEFINE THE FACTORS RELATED TO SUCCESS OR FAILURE OF VOCATIONAL TRAINING PROGRAMS IN PUBLIC JUNIOR COLLEGES. THE STUDY WILL DEFINE AND MEASURE THE ENVIRONMENTAL ELEMENTS AND PATTERNS OF ELEMENTS THAT INTERACT WITH STUDENT, FACULTY, AND COMMUNITY CHARACTERISTICS AND

VALUES. THE SAMPLE WILL INCLUDE BOTH RELATIVELY SMALL AND LARGER OCCUPATIONAL PROGRAMS IN PUBLIC JUNIOR COLLEGES. THE COLLEGES, BASED ON THE PROPORTION OF ENROLLMENTS IN OCCUPATIONAL PROGRAMS, WOULD BE DIVIDED INTO TWO GROUPS, THOSE ABOVE THE MEDIAN AND THOSE BELOW THE MEDIAN, WITH SUBGROUPS OF EXPECTED ACHIEVEMENT AND ACTUAL ACHIEVEMENT. ENVIRONMENTAL MEASUREMENTS OF COLLEGE SUBCULTURES AND VARIOUS DATA GATHERED FROM FACULTY, STUDENTS, AND THE COMMUNITY WILL BE ANALYZED TO DIFFERENTIATE THE BEHAVIOR OF OCCUPATIONAL STUDENTS IN THE SAMPLE OF COLLEGES. (JL)

**EP 010 150**

08

IDENTIFICATION OF COMMON BEHAVIORAL FACTORS AS BASES FOR PRE-ENTRY PREPARATION OF WORKERS FOR GAINFUL EMPLOYMENT.

INVESTIGATOR- SJOGREN, DOUGLAS

COLORADO STATE UNIV., FORT COLLINS

BUREAU NUMBER BR-5-0149

PROP DATE 25 MAY 65

CONTRACT OEC-6-85-073

DESCRIPTORS- #BEHAVIOR PATTERNS, #EMPLOYMENT QUALIFICATIONS, #LABOR FORCE, #SKILLED LABOR, #WORK-EXPERIENCE PROGRAMS, COLORADO, CURRICULUM DEVELOPMENT, FORT COLLINS, LINCOLN, NEBRASKA,

START DATE 01-01-66

END DATE 08-30-67

THIS STUDY WILL DETERMINE WHETHER COMMON BEHAVIORALLY ORIENTED FACTORS MAY BE IDENTIFIED TO SERVE AS THE BASES FOR THE DEVELOPMENT OF CURRICULUMS DESIGNED TO PREPARE SEMISKILLED, SKILLED, OR TECHNICAL WORKERS FOR INITIAL ENTRY INTO THE LABOR FORCE. REFERENCE MEASURES OF KNOWN PSYCHOLOGICAL ELEMENTS, TOGETHER WITH THE SELECTED VARIABLES, WILL BE USED IN THE CONSTRUCTION OF APPROPRIATE INSTRUMENTS, WHICH WILL BE TRIED OUT ON SMALL, BUT ADEQUATE SAMPLES OF WORKERS. A SAMPLE OF 100 WORKERS IN EACH OF 4 POPULATION GROUPS WILL BE SELECTED, AND THE INSTRUMENTS ADMINISTERED BY TRAINED INTERVIEWERS. THE DATA WILL BE FACTOR ANALYZED. (JL)

**EP 010 151**

08

FAMILY AND ACHIEVEMENT, A PROPOSAL TO STUDY THE EFFECT OF FAMILY SOCIALIZATION ON ACHIEVEMENT ORIENTATION AND PERFORMANCE AMONG URBAN NEGRO AMERICANS.

INVESTIGATOR- EPBS, EDGAR G.

UNIV. OF MICHIGAN, INST. FOR SOCIAL RESEARCH,

BUREAU NUMBER BR-5-1006

PROP DATE

85

CONTRACT OEC-6-85-017

DESCRIPTORS- #BEHAVIOR PATTERNS, #FAMILY STRUCTURE, #INTEGRATION, #NEGRO STUDENTS, #SOCIALIZATION, ANN ARBOR, DROPOUTS, HIGH SCHOOL STUDENTS, MICHIGAN, SOCIOECONOMIC STATUS, URBAN POPULATION, VALUES,

START DATE 07-01-65

END DATE 03-31-68

THIS STUDY WILL EXAMINE THE EFFECTS OF SOCIOECONOMIC STATUS, SOCIALIZATION, FAMILY STRUCTURE, AND COMMUNITY PRESSURES ON THE DEVELOPMENT OF ACHIEVEMENT MOTIVES AND VALUES IN NORTHERN AND SOUTHERN NEGRO SUBCULTURES. ANOTHER ASPECT OF THE STUDY WILL BE CONCERNED WITH NEGATIVE MOTIVES WHICH PREVENT STUDENTS FROM DEVELOPING ACCEPTABLE LEVELS OF PERFORMANCE. THIS WILL INVOLVE THE STUDY OF SELF-DEFEATING REACTION PATTERNS AMONG NEGRO YOUNGSTERS WHICH AGGRAVATE

PROBLEMS OF LOW MOTIVATION AND ASPIRATION. A COMBINATION OF SURVEY AND EXPERIMENTAL METHODS WILL BE USED. THE SURVEY WILL INCLUDE THE COLLECTION OF QUESTIONNAIRE DATA FROM 3,200 STUDENTS IN 8 HIGH SCHOOLS, AND MORE INTENSIVE INTERVIEWS ON A SMALLER SAMPLE OF STUDENTS AND THEIR PARENTS. IN THE EXPERIMENTS, STUDENTS WILL BE RANDOMLY ASSIGNED TO GROUPS WHICH WILL BE TESTED EITHER BY A NEGRO OR A WHITE ADMINISTRATOR AND WHICH WILL RECEIVE DIFFERENT INSTRUCTIONS. (JL)

**EP 010 152**

08

INTEREST AND ABILITY PATTERN COMPARISON OF SUCCESSFUL AND UNSUCCESSFUL MALE COLLEGE STUDENTS IN DISCREPANT TECHNICAL AND ASSOCIATE DEGREE PROGRAMS.

INVESTIGATOR- TAYLOR, RONALD

FERRIS STATE COLLEGE, BIG RAPIDS, MICH.

BUREAU NUMBER BR-5-0116

PROP DATE 18 DEC 64

CONTRACT OEC-6-85-026

DESCRIPTORS- \*EDUCATIONAL PLANNING, \*JUNIOR COLLEGES, \*STUDENT EVALUATION, \*VOCATIONAL SCHOOLS, ACADEMIC ABILITY, ACHIEVEMENT, APTITUDE, ASPIRATION, BIG RAPIDS, COMPARATIVE ANALYSIS, INTEREST TESTS, HALE, MICHIGAN, STUDENT CHARACTERISTICS.

START DATE 09-01-65

END DATE 12-31-67

THE ABILITY SCORES AND INTEREST PATTERNS OF A SAMPLE OF MALE TECHNICAL AND ASSOCIATE DEGREE STUDENTS WHO SUCCESSFULLY COMPLETE THEIR PROGRAMS WILL BE ANALYZED AND COMPARED TO THOSE SCORES AND PATTERNS OF STUDENTS WHO DISCONTINUE THEIR FORMAL EDUCATION OR MAKE A MAJOR PROGRAM CHANGE. INFORMATION DERIVED FROM THIS STUDY WILL BE OF VALUE IN HANDLING SUCH PROBLEMS AS THE FORMULATION OF TECHNICAL SCHOOL OR JUNIOR COLLEGE ADMISSION PROCEDURES, THE DEVELOPMENT OF PROGRAMS AND ACADEMIC POLICIES IN THESE INSTITUTIONS, AND THE STRUCTURING OF COUNSELING SERVICES AT BOTH THE SECONDARY AND HIGHER LEVELS OF EDUCATION. (JH)

**EP 010 153**

24

DEVELOPMENT OF INSTRUCTIONAL MATERIALS FOR A FUSED CHEMISTRY-PHYSICS COURSE.

INVESTIGATOR- NAGAT, PHYLLIS

ALFRED I. DUPONT SCHOOL DISTRICT, WILMINGTON, DEL.

BUREAU NUMBER BR-6-8448

PROP DATE 12 JAN 68

CONTRACT OEC-1-6-088448-1883

DESCRIPTORS- \*INSTRUCTIONAL MATERIALS, \*PHYSICAL SCIENCES, \*SCIENCE COURSES, \*SECONDARY EDUCATION, \*TEACHING METHOD, CHEMISTRY, DELAWARE, MATERIAL DEVELOPMENT, PHYSICS, SCIENCE INSTRUCTION, TEAM TEACHING, WILMINGTON,

START DATE 08-20-68

END DATE 08-18-69

REVISED AS WELL AS NEW INSTRUCTIONAL MATERIALS WILL BE PREPARED FOR A FUSED CHEMISTRY-PHYSICS COURSE FOR COLLEGE PREPARATORY HIGH SCHOOL STUDENTS. INSTRUCTIONAL MATERIALS AND TEAM TEACHING METHODS USED IN THE EXISTING FUSED COURSE WILL BE EVALUATED TO FORMULATE REQUIREMENTS FOR REVISION. THEN THE PRINCIPAL INVESTIGATOR AND TWO EXPERIENCED TEACHERS WILL WRITE STUDENT TEXT MATERIAL FOR SELECTED UNITS OF THE COURSE WHICH ARE NOT PROPERLY FUSED IN EXISTING TEXTS. PRODUCTS OF

THE PROJECT WILL BE DUPLICATED FOR CLASSROOM USE IN HIGH SCHOOL CLASSES AND EVALUATED TO DETERMINE THEIR ADEQUACY, COMMUNICATION EFFECTIVENESS, AND THE DEGREE OF FUSION ACHIEVED. A REPORT ON THE COURSE CONTENT, TEAM TEACHING EXPERIENCES, AND USE OF THE MATERIALS WILL BE PRODUCED FOR DISSEMINATION. (WNI)

**EP 010 154**

08

DEVELOPMENT OF A CURRICULUM GUIDE IN BIOMEDICAL EQUIPMENT TECHNOLOGY.

INVESTIGATOR- FRIBANCE, D. R.

TECHNICAL EDUCATION RESEARCH CTR., CAMBRIDGE, MASS

BUREAU NUMBER BR-5-0175

PROP DATE 29 MAY 68

CONTRACT OEC-1-6-000366-0658

DESCRIPTORS- \*BIOMEDICAL SCIENCES, \*CURRICULUM GUIDES, \*EQUIPMENT, \*HIGH SCHOOL GRADUATES, \*NATIONAL SURVEYS, CAMBRIDGE, EDUCATIONAL PLANNING, EMPLOYMENT OPPORTUNITIES, JOB TRAINING, MASSACHUSETTS, VOCATIONAL EDUCATION.

START DATE 01-01-68

END DATE 08-30-68

THE DUAL PURPOSE OF THIS PROJECT WILL BE TO DEFINE THE EMPLOYMENT OPPORTUNITIES AND TRAINING REQUIREMENTS FOR BIOMEDICAL EQUIPMENT TECHNOLOGY AND TO DEVELOP A 2-YEAR, POST HIGH SCHOOL CURRICULUM. THIS WORK WOULD BE CARRIED OUT PRIMARILY ON THE BASIS OF QUESTIONNAIRES AND DETAILED INTERVIEWS WITH A BROAD NATIONAL SAMPLE OF LEADING HOSPITALS, MEDICAL RESEARCH INSTITUTES, MEDICAL SCHOOLS, BIOMEDICAL ENGINEERING SCHOOLS, MEDICAL ELECTRONICS MANUFACTURERS, AND TECHNICAL VOCATIONAL SCHOOLS. THE RESULTS AT ALL STAGES WILL BE REVIEWED BY AN ADVISORY COMMITTEE REPRESENTING THE VIEWPOINTS OF HOSPITALS, PHYSICIANS, RESEARCH INSTITUTIONS, AND BIOMEDICAL EQUIPMENT MANUFACTURERS, AS WELL AS EXPERIENCED TECHNICAL AND VOCATIONAL EDUCATORS. (JH)

**EP 010 155**

08

ESTABLISHMENT OF THREE CENTERS TO IMPROVE THE PREPARATION OF TEACHERS OF CULTURALLY DISADVANTAGED STUDENTS EMPHASIZING TECHNICAL VOCATIONAL EDUCATION.

INVESTIGATOR- LAWRENCE, PAUL

CALIFORNIA STATE COLLEGE AT HAYWARD

BUREAU NUMBER BR-5-0243

PROP DATE 01 FEB 68

GRANT OEC-4-6-000459-0499

DESCRIPTORS- \*CULTURALLY DISADVANTAGED, \*DISADVANTAGED YOUTH, \*EDUCATIONAL COMPLEXES, \*TEACHER EDUCATION, \*VOCATIONAL EDUCATION, BERKELEY, CALIFORNIA, FRESNO, HAYWARD, INSERVICE PROGRAMS, OCCUPATIONAL GUIDANCE, PRESERVICE EDUCATION, STUDENT DEVELOPMENT, STUDENT-TEACHER RELATIONSHIP, YOUTH OPPORTUNITIES,

START DATE 02-15-68

END DATE 02-15-69

THE ESTABLISHMENT AND OPERATION OF THREE EXPERIMENTAL TEACHER TRAINING CENTERS WILL BE ACCOMPLISHED TO PROVIDE SELECTED TEACHERS WITH ADDITIONAL INSIGHTS, TECHNIQUES, AND MATERIALS TO ENABLE THEM TO COMMUNICATE MORE EFFECTIVELY WITH CULTURALLY DISADVANTAGED YOUTH. THIS PROJECT, ENTITLED "OPERATION FAIR CHANCE," WILL EMPHASIZE TRAINING FOR THE PREPARATION OF DISADVANTAGED STUDENTS FOR MORE EFFECTIVE PARTICIPATION IN ECONOMIC, SOCIAL, AND CULTURAL ACTIVITIES,

## PROJECT RESUMES

PAGE 12

WITH SPECIAL EMPHASIS ON REALISTIC VOCATIONAL CHOICES AND ADEQUATE PREPARATION FOR VOCATIONAL AND TECHNICAL OCCUPATIONS. VOCATIONAL DEVELOPMENT WILL BE VIEWED IN ITS BROADER SENSE, INCLUDING BOTH PROFESSIONAL AND NONPROFESSIONAL OCCUPATIONS AND ALSO SUCH ELEMENTS AS HUMAN RELATIONS, CONSUMER ECONOMICS, READING, ORAL AND WRITTEN COMMUNICATION, MATHEMATICS, AND CONTINUING SELF-APPRAISAL. PROGRAMS OF THE EDUCATIONAL CENTERS WILL INVOLVE BOTH PRESERVICE AND INSERVICE TEACHER EDUCATION, EMPHASIZING AN INTERNSHIP SERVICE AS CONTRASTED WITH THE MORE TRADITIONAL TEACHER-TRAINING PROGRAMS. TRAINING IS TO BE CENTERED AT ALL LEVELS OF INSTRUCTION (KINDERGARTEN THROUGH GRADE 14). THE CALIFORNIA STATE DEPARTMENT OF EDUCATION WILL ADMINISTER THE THREE TRAINING CENTERS TO BE LOCATED AT THE FOLLOWING COLLEGES--(1) UNIVERSITY OF CALIFORNIA AT BERKELEY, (2) FRESNO STATE COLLEGE, AND (3) CALIFORNIA STATE COLLEGE AT HAYWARD. (JH)

**EP 010 156 DB**

A STUDY OF INTELLECTUAL GROWTH AND VOCATIONAL DEVELOPMENT.

INVESTIGATOR- HILTON, THOMAS L.

EDUCATIONAL TESTING SERVICE, PRINCETON, N. J.

BUREAU NUMBER BR-6-1830

PROP DATE 01 SEP 65

GRANT OEG-1-6-061830-0650

DESCRIPTORS- #ACADEMIC ACHIEVEMENT, #CAREER PLANNING, #COLLEGE PREPARATION, #STUDENT DEVELOPMENT, #VOCATIONAL INTERESTS, CAREER CHOICE, ENVIRONMENTAL INFLUENCES, HIGH SCHOOL GRADUATES, HIGH SCHOOL STUDENTS, INDIVIDUAL CHARACTERISTICS, INTELLECTUAL DEVELOPMENT, MODEL PROGRAMS, NEW JERSEY, PREDICTIVE MEASUREMENT, PRINCETON, STATISTICAL SURVEYS, STUDENT CHARACTERISTICS.

START DATE 04-01-66

END DATE 03-31-67

THE OBJECTIVES OF THIS STUDY ARE THREEFOLD--(1) TO TRACE THE INTELLECTUAL DEVELOPMENT OF HIGH SCHOOL STUDENTS WHO SUBSEQUENTLY ELECT VOCATIONAL AS OPPOSED TO COLLEGE-PREPARED CURRICULUMS, (2) TO INVESTIGATE THE INTERACTION OVER TIME OF STATED VOCATIONAL PLANS, INDIVIDUAL CHARACTERISTICS, ENVIRONMENTAL INFLUENCES, AND SUBSEQUENT OCCUPATION, AND (3) TO DEVELOP A PRELIMINARY THEORETICAL MODEL OF VOCATIONAL DEVELOPMENT. A 3-YEAR LONGITUDINAL INVESTIGATION OF THE VOCATIONAL ORIENTATION AND PREPARATION OF AMERICAN YOUTH WILL BE CONDUCTED. EXTENSIVE USE WILL BE MADE OF DATA FROM THE "STUDY OF ACADEMIC PREDICTION AND GROWTH," A LONGITUDINAL STUDY INITIATED BY THE EDUCATIONAL TESTING SERVICE AT PRINCETON, NEW JERSEY, IN 1961 (INVOLVING SOME 40,000 STUDENTS). THE CURRENT PROJECT WILL SUPPLEMENT THE SEVERAL BATTERIES OF TEST DATA FROM THE PREVIOUS INVESTIGATION. THE INVESTIGATORS WILL DEVELOP QUESTIONNAIRES AND INTERVIEW INSTRUMENTS TO ADMINISTER TO THE SAME STUDENT SAMPLE WHEN POSSIBLE. A FOLLOWUP QUESTIONNAIRE WILL BE GIVEN TO THOSE STUDENTS WHO GRADUATED DURING THE TIME OF THE PROJECT. (JH)

**EP 010 157 DB**

EXPERIMENTAL CURRICULUM FOR ELECTRO-MECHANICAL TECHNICIANS IN COMPUTER AND BUSINESS MACHINES TECHNOLOGY.

INVESTIGATOR- FELLOWS, DOUGLAS H.

UNIVERSITY OF HARTFORD, WEST HARTFORD, CONN.

BUREAU NUMBER BR-6-1489

PROP DATE 30 MAR 66

GRANT OEG-1-6-061489-2022

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #CURRICULUM PLANNING, #ELECTROMECHANICAL AIDS, #TEACHING PROGRAMS, COMPUTERS, CONNECTICUT, DATA PROCESSING, ELECTRONIC EQUIPMENT, ENDICOTT, EXPERIMENTAL CURRICULUM, HARTFORD, NEW YORK,

START DATE 06-15-66

END DATE 06-15-67

THIS STUDY PROPOSES TO DEVELOP COURSE CONTENT AND METHODOLOGY, INITIATE A PILOT CURRICULUM, AND EVALUATE THE EFFECTIVENESS OF THAT CURRICULUM IN THE FIELD OF ELECTRO-MECHANICAL TECHNOLOGY AS APPLIED TO COMPUTERS AND BUSINESS MACHINES. AN ADVISORY COMMITTEE WILL SURVEY EXISTING JOB TITLES AND REQUIRED COMPETENCIES IN THE BUSINESS MACHINE INDUSTRY, AND A REVIEW OF PRESENT CURRICULUMS IN ELECTRO-MECHANICAL TECHNOLOGY WILL BE MADE. TWO PHASES OF THE STUDY ALREADY CONCLUDED WERE THE DEVELOPMENT OF A CURRICULUM AND THE PROVISION OF BASIC EQUIPMENT. THE THIRD PHASE WILL COVER THE TRAINING OF THOSE WHO WILL TEACH THE NEW CURRICULUM. THE FOURTH PHASE WILL CONCERN ITSELF WITH HOW THE CURRICULUM WILL BE TAUGHT, FOLLOWED BY THE FINAL, EVALUATIVE PHASE. (GD)

**EP 010 158 DB**

AMERICAN ASSOCIATION OF JUNIOR COLLEGES, NATIONAL HEALTH COUNCIL, COMMITTEE ON HEALTH TECHNOLOGY EDUCATION.

INVESTIGATOR- LEVITTE, HENDEL

NATIONAL HEALTH COUNCIL, NEW YORK, N. Y.

PROP DATE 03 FEB 66

GRANT OEG-1-6-062355-1928

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #HEALTH EDUCATION, #HEALTH SERVICES, #JUNIOR COLLEGES, #VOCATIONAL EDUCATION, AMERICAN ASSOCIATION OF JUNIOR COLLEGES, COMMUNITY COOPERATION, COOPERATIVE PLANNING, HEALTH GUIDES, NATIONAL HEALTH COUNCIL, NEW YORK, RESEARCH COMMITTEES, TEACHER SELECTION,

START DATE 06-15-66

END DATE 09-30-67

A COMMITTEE WILL BE FORMED THROUGH JOINT COOPERATION BETWEEN THE AMERICAN ASSOCIATION OF JUNIOR COLLEGES AND THE NATIONAL HEALTH COUNCIL TO ORGANIZE COMPREHENSIVE HEALTH TECHNICIAN PROGRAMS AT THE JUNIOR COLLEGE LEVEL. EFFORTS WILL BE MADE TO IDENTIFY AND ESTABLISH RESPONSIBILITIES IN THIS AREA FOR BOTH THE SUBJECT EDUCATIONAL INSTITUTIONS AND CERTAIN PROFESSIONAL ASSOCIATIONS, REPRESENTING HEALTH PRACTITIONERS. SOME OF THE JOINT RESPONSIBILITIES WILL INCLUDE (1) DEVELOPMENT OF CURRICULUMS, (2) ESTABLISHMENT OF SPECIFIC FACULTY REQUIREMENTS, AND (3) IDENTIFICATION OF THE RELATED COMPONENTS IN A COMMUNITY WHICH MUST BE UTILIZED TO ASSURE THAT THE GRADUATES FROM HEALTH TECHNICIAN PROGRAMS ARE ADEQUATELY PREPARED TO MEET THE ROLE AND RESPONSIBILITIES FOR WHICH THEY ARE TRAINED. (JH)

**EP 010 159 DB**

COMPARING THE EFFECTIVENESS OF TWO METHODS OF TEACHING AGRICULTURAL SCIENCE TO STUDENTS IN VOCATIONAL AGRICULTURE.

INVESTIGATOR- WILLIAMS, THYNAN

VACAVILLE UNION HIGH SCHOOL DISTRICT, CALIF.

BUREAU NUMBER BR-6-1407

PROP DATE 03 SEP 66

## PROJECT RESUMES

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GRANT OEG-4-061407-0638

DESCRIPTORS- #AGRICULTURE, #RETENTION STUDIES, #TEACHING MACHINES, #TIME FACTORS (LEARNING), #VOCATIONAL EDUCATION, AUDIOVISUAL AIDS, CALIFORNIA, COMPARATIVE ANALYSIS, CONVENTIONAL INSTRUCTION, HIGH SCHOOL STUDENTS, LEARNING EXPERIENCES, POST-TESTING, PROGRAMED INSTRUCTION, VACAVILLE,

START DATE 04-19-68

END DATE 09-19-67

Differences in the learning retention of students and in the efficient use of teacher time will be determined by comparing vocational agriculture instruction with and without a feedback machine. This machine will record, on a visual display, feedback responses of students to teaching, allowing a teacher to know immediately the percentage of his class which responds correctly to a given question, as well as how each individual in the class reacts. Lesson plans and materials are to be collected, developed, and administered to students in agriculture science classes of four high schools. After the units are taught (with and without feedback machines), post-tests will be administered immediately to compare the degree of learning, and, after 3 months, to compare the amount of retention. (JH)

**EP 010 160**

08

A VOCATIONAL TECHNICAL INSTITUTE DEVELOPMENTAL PROGRAM FOR COMMERCIAL FISHERIES.

INVESTIGATOR- SHONTZ, DAVID F.

UNIV. OF RHODE ISLAND, COLL. OF AGRICULTURE,

BUREAU NUMBER BR-6-2186

PROP DATE 08 FEB 68

GRANT OEG-1-6-062186-1994

DESCRIPTORS- #FISHERIES, #HORTICULTURE, #SPECIAL EDUCATION, #VOCATIONAL EDUCATION, #VOCATIONAL GUIDANCE, KINGSTON, RHODE ISLAND, SPECIAL PROGRAMS.

START DATE 08-17-68

END DATE 09-16-68

The objective of the proposal is to establish a 13th and 14th year vocational-technical program in the areas of (1) ORNAMENTAL HORTICULTURE AND TURF MANAGEMENT, and (2) COMMERCIAL FISHERIES. In the first phase emphasis will be placed upon assisting the individual to prepare for and secure employment in the ornamental horticulture and turf management fields which will challenge his abilities. The curriculum content will be developed and reviewed by representatives of industry, labor and employment agencies, and education. The curriculum organization will include a supervised individual cooperative education experience obtained within the region for which the student may receive institute credit. A vocational guidance counselor will serve as the coordinator of the supervised educational experience and graduate placement programs. Each employer will be encouraged and assisted to do some teaching. Continuous student counseling, program evaluation, and revision will be emphasized. The second phase of the program will be geared to educating potential Captains, mates, and engineers for our trawler fleet. A 2-year curriculum in vocational-technical education in commercial fisheries leading to an associate degree will include lectures, laboratories, shops, vessel practice, and supervised cooperative educational experience.

FOR STUDENTS WITH NO PREVIOUS EXPERIENCE ON THE WATER, PRESCHOOL TRAINING WILL BE GIVEN. (GC)

**EP 010 161**

08

STUDY AND DEVELOPMENT OF PROGRAMS OF SHOP-CENTERED TEAM TEACHING FOR POTENTIAL DROPOUTS.

INVESTIGATOR- CILLEY, EARL

STANFORD UNIV., SCHOOL OF EDUCATION, CALIF.

BUREAU NUMBER BR-6-8524

PROP DATE 01 SEP 68

GRANT OEG-4-6-088524-0578

DESCRIPTORS- #SECONDARY SCHOOLS, #SHOP CURRICULUM, #SPECIAL PROGRAMS, #TEAM TEACHING, #VOCATIONAL EDUCATION, CALIFORNIA, DROPOUT PREVENTION, INDUSTRIAL ARTS, INDUSTRIAL EDUCATION, SPECIAL EDUCATION, STANFORD, YOUTH.

START DATE 03-18-68

END DATE 01-18-67

IT IS ADVANCED THAT A PROGRAM ORIENTED TO AND BUILT ON YOUTH WITH MECHANICAL ABILITIES AND INTERESTS WOULD TEND TO KEEP THEM IN SCHOOL, KEEP THEM PROFITABLY OCCUPIED, AND TEND TO DEFER PREMATURELY OVER-SPECIALIZED VOCATIONAL TRAINING. FOR THE TARGET GROUP OF YOUTH WITH HIGH-LEVEL MECHANICAL ABILITIES THE INVESTIGATORS WILL CONSTRUCT IN COOPERATING SCHOOLS A MODIFIED PROGRAM OF GENERAL EDUCATION. THE PROGRAM WILL INVOLVE A TEAM OF 4 TEACHERS WITH A GROUP OF APPROXIMATELY 60 PUPILS. TWO OF THE TEACHERS WILL BE COMPETENT IN INDUSTRIAL ARTS, ONE IN ENGLISH AND SOCIAL STUDIES, AND ONE IN MATHEMATICS AND SCIENCE. INDIVIDUAL SCHEDULES SUITED TO EACH PUPIL'S NEEDS WOULD BE DEVELOPED IN LIEU OF A STANDARD PROGRAM FOR ALL PUPILS. LEARNING TASKS WILL CENTER ON PUPIL'S SPECIAL INTERESTS. THE EVALUATION PROCEDURES FOR THE PROJECT WILL INVOLVE BOTH OBSERVATION OF PUPILS, INTERVIEWS WITH PUPILS, INTERVIEWS WITH TEACHERS AND COUNSELORS, AND EXAMINATION OF PUPIL RECORDS. (GC)

**EP 010 162**

08

PILOT PROGRAMS IN HIGH SCHOOLS TO PREPARE STUDENTS FOR A WIDE SPECTRUM OF COMPUTING, RECORDING, AND BOOKKEEPING OCCUPATIONS.

INVESTIGATOR- STEWART, JEFFERY R.

VIRGINIA POLYTECHNIC INST., BLACKSBURG

BUREAU NUMBER BR-6-8318

PROP DATE 11 APR 68

GRANT OEG-2-6-068318-1927

DESCRIPTORS- #BUSINESS SUBJECTS, #CURRICULUM DEVELOPMENT, #INSTRUCTIONAL TECHNOLOGY, #PILOT PROGRAMS, BLACKSBURG, CURRICULUM EVALUATION, HIGH SCHOOL STUDENTS, STUDENTS, VIRGINIA,

START DATE 08-18-68

END DATE 02-28-67

SUCCESS OF PILOT PROGRAMS IN BUSINESS EDUCATION WILL BE EVALUATED. THE PILOT PROGRAMS WILL PREPARE YOUNG PEOPLE FOR ENTRY INTO AND ADVANCEMENT IN COMPUTING, RECORDING, AND BOOKKEEPING OCCUPATIONS LISTED IN THE CURRENT DICTIONARY OF OCCUPATIONAL TITLES (DOT). DATA RELATED TO STUDENTS IN THREE CONTROL SCHOOLS WILL BE MATCHED WITH DATA COLLECTED AT THREE SCHOOLS OFFERING THE PILOT PROGRAMS. END-OF-YEAR ACHIEVEMENT, RETENTION, ATTENDANCE RECORDS, ATTITUDES, AND LEVELS OF STUDENT SATISFACTION WILL BE MEASURED AND COMPARED. PROFILES OF STUDENTS IN THE COOPERATING SCHOOLS WILL BE PREPARED TO

## PROJECT RESUMES

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FACILITATE IDENTIFICATION OF STUDENT CHARACTERISTICS RELATED TO SUCCESSFUL PERFORMANCE IN THE PILOT PROGRAMS. RESULTS WILL BE USED TO ADJUST THE OCCUPATIONAL INSTRUCTION OF THE SCHOOLS, WHICH ARE REPRESENTATIVE OF MEDIUM TO LARGE COMPREHENSIVE HIGH SCHOOLS (500 TO 1,500 STUDENTS). (WN)

## EP 010 163

08

NEVADA OCCUPATIONAL RESEARCH COORDINATING UNIT.  
INVESTIGATOR- DAVIS, J. CLARK  
UNIVERSITY OF NEVADA, RENO  
BUREAU NUMBER BR-6-2723  
GRANT OEG-4-6-062723-2214

PROP DATE 20 APR 66

DESCRIPTORS- #INFORMATION DISSEMINATION, #OCCUPATIONAL INFORMATION, #RESEARCH, #VOCATIONAL EDUCATION, EDUCATIONAL RESEARCH, NEVADA, RENO,

START DATE 06-28-66

END DATE 07-31-66

A RESEARCH COORDINATING UNIT (RCU) WILL BE ESTABLISHED TO COORDINATE OCCUPATIONAL RESEARCH IN NEVADA. THE UNIT WILL ALSO WORK CLOSELY WITH THE WESTERN STATES SMALL SCHOOLS PROJECT (WSSSP). RESEARCH WHICH CONTRIBUTES SIGNIFICANTLY TO THE PLANNING, DEVELOPMENT, AND IMPROVEMENT OF VOCATIONAL EDUCATION WILL BE ENCOURAGED, COORDINATED, COLLECTED, AND DISSEMINATED BY THE RCU. COOPERATIVELY WITH THE NEVADA EMPLOYMENT SECURITY DEPARTMENT, THE RCU WILL ACCUMULATE QUANTITATIVE AND QUALITATIVE DATA RELATED TO EMPLOYMENT PROJECTIONS, OCCUPATIONAL REQUIREMENTS, AND MANPOWER UTILIZATION. RESULTS FROM THESE STUDIES WILL BE TRANSLATED BY THE UNIT TO FACILITATE VOCATIONAL AND TECHNICAL EDUCATION CURRICULUM PLANNING. A MODEL WILL BE DEVELOPED AND USED FOR FOLLOWUP STUDIES OF VOCATIONAL TRAINEES, BASED ON UPDATED OCCUPATIONAL INFORMATION. OCCUPATIONAL GUIDANCE GUIDELINES WILL THEN BE DEVELOPED COOPERATIVELY WITH THE WSSSP CAREER SELECTION PROGRAM. THE RCU WILL ACT AS A CLEARINGHOUSE FOR OCCUPATIONAL RESEARCH COOPERATIVELY WITH THE USOE'S EDUCATIONAL RESEARCH INFORMATION CENTER (ERIC). (WN)

## EP 010 164

48

THE DEVELOPMENT OF JAPANESE INSTRUCTIONAL MATERIALS IN GRADES THREE, SEVEN, AND NINE.

INVESTIGATOR- SATO, ESTHER T.  
UNIVERSITY OF HAWAII, COLL. OF EDUC., MONOLULU  
BUREAU NUMBER BR-6-1377  
CONTRACT OEC-4-6-061377-1888

DESCRIPTORS- #INSTRUCTIONAL MATERIALS, #JAPANESE-AMERICAN CULTURE, #LANGUAGE PROGRAMS, #LINGUISTICS, #SPEECH EDUCATION, HAWAII, MONOLULU, NINTH GRADE, SEVENTH GRADE, THIRD GRADE.

START DATE 06-19-66

END DATE 06-14-67

THIS RESEARCH PROJECT WILL ESTABLISH A SYSTEMATIC AND COORDINATED PROGRAM OF JAPANESE LANGUAGE INSTRUCTION. IT WILL INVOLVE THE DEVELOPMENT AND EVALUATION OF THREE CONTINUOUS JAPANESE LANGUAGE LEARNING PROGRAMS STRESSING COMPETENCE IN VARIOUS LINGUISTIC SKILLS IN GRADES THREE, SEVEN, AND NINE. INSTRUCTIONAL MATERIALS WILL BE PREPARED, TESTED, EVALUATED, AND REVISED THROUGHOUT THE STUDY AT EACH GRADE LEVEL. THE STUDENT'S PROGRESS WILL BE MEASURED AFTER EACH ACADEMIC YEAR. (JL)

## EP 010 165

08

OPPORTUNITIES AND REQUIREMENTS FOR INITIAL EMPLOYMENT OF SCHOOL LEAVERS WITH EMPHASIS ON OFFICE AND RETAIL JOBS, PHASE TWO.

INVESTIGATOR- COOK, FRED S.

WAYNE STATE UNIV., COLL. OF EDUCATION, DETROIT

BUREAU NUMBER BR-6-1968

GRANT OEG-3-061968-1993

PROP DATE 06 JAN 66

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #GRADUATES, #TEACHING METHODS, #VOCATIONAL EDUCATION, DETROIT, DISTRIBUTIVE EDUCATION, HIGH SCHOOL GRADUATES, MICHIGAN, OFFICE PRACTICE, SENIOR INTENSIFIED PROGRAM (S.I.P.).

START DATE 06-22-66

END DATE 09-20-67

NEW CURRICULUM PATTERNS, METHODS, AND MATERIALS FOR DISTRIBUTIVE AND OFFICE EDUCATION WILL BE DEVELOPED AND USED. THE STUDY WILL ATTEMPT TO DEMONSTRATE THAT THE TIME REQUIRED TO SUCCESSFULLY DEVELOP THE MINIMUM ESSENTIAL SKILLS FOR OFFICE AND DISTRIBUTIVE OCCUPATIONS CAN BE SIGNIFICANTLY REDUCED. IT IS EXPECTED THAT THE TIME SAVINGS WILL BE ACCOMPLISHED WITH A SPECIALLY DEVELOPED SENIOR INTENSIFIED PROGRAM (S.I.P.). THE S.I.P. WILL BE A SINGLE CURRICULUM OFFERING FOR SCHOOL LEAVERS AND WILL REQUIRE NOT MORE THAN 2 HOURS PER SCHOOL DAY FOR PRESENTATION. THE PROGRAM WILL BE DEMONSTRATED IN DETROIT SENIOR HIGH SCHOOLS FOR 2 YEARS. STUDENTS WILL BE PLACED WITH COOPERATING EMPLOYERS TO FACILITATE EVALUATION OF THE PROGRAM WITH RESPECT TO JOB SUCCESS OF THE SCHOOL LEAVERS. (WN)

## EP 010 166

08

A FUNCTIONAL ANALYSIS OF PARAMEDICAL OCCUPATIONS AS A FOUNDATION FOR CURRICULUM DEVELOPMENT.

INVESTIGATOR- LEE, ARTHUR H.

ARIZONA HEALTH SERVICES EDUCATION ASSN., PHOENIX

BUREAU NUMBER BR-6-2193

PROP DATE 10 FEB 66

GRANT OEG-4-6-062193-2229

DESCRIPTORS- #HEALTH SERVICES, #MEDICAL SERVICES, #PARAMEDICAL, #SPECIAL EDUCATION, #SPECIAL PROGRAMS, ARIZONA, PHOENIX.

START DATE 06-30-66

END DATE 07-30-67

THE PROPOSED PROJECT WILL EXPLORE THE POSSIBILITY OF FURTHER CURRICULUM REFINEMENT BY REMOVING A MAJOR SEMANTIC BARRIER AND BY DEVELOPING FUNCTIONAL DEFINITIONS OF PARAMEDICAL OCCUPATIONS. TO ACCOMPLISH THIS, THE PROJECT WILL (1) DEVELOP A PROCEDURE FOR ANALYZING PARAMEDICAL TASKS INTO SETS OF DEFINITIVE PROBLEMS EXPRESSED IN STRICTLY OPERATIONAL TERMS, (2) TRAIN FIELD INVESTIGATORS IN USING THE PROCEDURE AND GATHER DATA IN TWO PARAMEDICAL OCCUPATIONS, AND (3) RELATE FUNCTIONAL DEFINITIONS OF THE TASKS IN PARAMEDICAL OCCUPATIONS TO THE CONTENT AND SEQUENCE OF INSTRUCTIONAL PROGRAMS AND REVISE CURRICULUMS ACCORDINGLY. THE CONTRIBUTIONS TO EDUCATION WILL BE (1) A SIMPLE AND PRACTICAL ANALYTICAL PROCEDURE FOR DERIVING SETS OF PROBLEMS STATED IN OPERATIONAL TERMS THAT DEFINE COMPLETELY THE CHARACTERISTIC TASKS OF PARAMEDICAL OCCUPATIONS, (2) SETS OF DEFINITIVE PROBLEMS CHARACTERIZING TWO IMPORTANT PARAMEDICAL OCCUPATIONS, AND (3) CURRICULUM MODIFICATIONS AND REFINEMENT

## PROJECT RESUMES

PAGE 18

FOR TRAINING STUDENTS IN THESE OCCUPATIONS. (GC)

**EP 010 167** 48

TEACHING FRENCH IN THE ELEMENTARY GRADES THROUGH MATCHING CLASSES IN AMERICAN AND FRENCH SCHOOLS.

INVESTIGATOR- ADELAIDE, SISTER RUTH

COLLEGE OF MOUNT ST. JOSEPH-ON-THE-OHIO, OHIO

BUREAU NUMBER BR-6-1944

PROP DATE 31 DEC 65

CONTRACT OEG-3-6-061944-1891

DESCRIPTORS- #EXCHANGE PROGRAMS, #FRENCH, #LANGUAGE INSTRUCTION, #MATCHED GROUPS, AUDIOVISUAL AIDS, ELEMENTARY GRADES, FRANCE, INSTRUCTIONAL MATERIALS, MT. ST. JOSEPH, OHIO, PARIS, RECORDINGS (PHONO-TAPE).

START DATE 06-27-66

END DATE 06-26-69

THE PROJECT IS DESIGNED TO DETERMINE WHETHER "LIVE" INTERPERSONAL AND CULTURAL EXCHANGES, FORMING AN INTEGRAL PART OF THE LANGUAGE LEARNING PROCESS FROM THE VERY BEGINNING THROUGH A "TWINNED CLASSROOM" ARRANGEMENT, MAKE A SIGNIFICANT DIFFERENCE IN THE ACHIEVEMENT AND ATTITUDES OF YOUNG CHILDREN. TWO MATCHED CLASSES OF AMERICAN FIRST GRADERS WILL BEGIN THE STUDY OF FRENCH UNDER THE SAME TEACHER, FOLLOWING THE SAME COURSE OF STUDY AND USING THE SAME MATERIALS. THE MATERIALS, COMPOSED OF TAPE-RECORDED DIALOGUES AND CORRELATED SLIDES, WILL BE PRODUCED ALONG SOUND LINGUISTIC AND CULTURAL LINES BY COOPERATING TEACHERS AND PUPILS IN "TWINNED CLASSROOMS" IN FRANCE, AND ACCORDING TO TAPE SCRIPTS PREPARED BY THE PROJECT DIRECTOR AND ASSISTANTS. TO PROVIDE VARIETY IN THE CULTURAL CONTEXT, THE COOPERATING FRENCH SCHOOLS WILL BE SELECTED EACH YEAR FROM A DIFFERENT REGION AND SOCIOECONOMIC GROUP. (JL)

**EP 010 168** 08

THE DEVELOPMENT OF PREVOCATIONAL EDUCATION LITERACY COURSES FOR USE WITH COMPUTER-ASSISTED INSTRUCTION OF DISADVANTAGED YOUTHS AND ADULTS.

INVESTIGATOR- SMITH, T.

FLORIDA STATE UNIV., TALLAHASSEE

BUREAU NUMBER BR-6-1458

GRANT OEG-2-6-001458-1540

DESCRIPTORS- #COMPUTER PROGRAMS, #COMPUTER-AIDED INSTRUCTION, #COMPUTER-BASED LABORATORY, #COMPUTER-ORIENTED PROGRAMS, #ELEMENTARY SCHOOL STUDENTS, ELEMENTARY SCHOOLS, FLORIDA, #SEQUENTIAL PROGRAMS, SPECIAL EDUCATION, SPECIAL PROGRAMS, TALLAHASSEE,

START DATE 06-01-66

END DATE 06-01-68

THE OBJECTIVES ARE TO PREPARE AND EMPIRICALLY EVALUATE PROGRAMMED MATERIALS FOR COMPUTER-ASSISTED INSTRUCTION IN READING AND NUMERICAL SKILLS NEEDED PRIOR TO VOCATIONAL INSTRUCTION. A LITERACY TRAINING PROGRAM OF READING, WRITING, AND NUMERICAL SKILLS APPROPRIATE TO GRADE LEVELS TWO THROUGH SEVEN WILL BE DEVELOPED USING VOCATIONALLY ORIENTED MATERIALS. EACH SEGMENT WILL BE TESTED IN TRIAL SESSIONS WITH SELECTED FUNCTIONALLY ILLITERATE UNIVERSITY EMPLOYEES. THE FINAL EVALUATION WILL INVOLVE A COMPARISON OF ACHIEVEMENT BETWEEN AN EXPERIMENTAL GROUP RECEIVING COMPUTER-ASSISTED INSTRUCTION AND A CONTROL GROUP TAUGHT BY A CLASSROOM TEACHER

USING TRADITIONAL METHODS. OUTSIDE CONSULTANTS WILL ALSO BE ASKED TO EVALUATE THE PROGRAM. STUDENT EVALUATIONS OF THE CONTENT ACCEPTABILITY WILL BE GATHERED USING QUESTIONNAIRES AND/OR INTERVIEWS. (GC)

**EP 010 169**

08

ATTENTION-DIRECTING TECHNIQUES USED BY TEACHERS.

INVESTIGATOR- SJOGREN, DOUGLAS D.

COLORADO STATE UNIV., FORT COLLINS

BUREAU NUMBER BR-6-8163

PROP DATE 10 SEP 65

GRANT OEG-4-6-068163-1837

DESCRIPTORS- #ATTENTION CONTROL, #PERCEPTUAL DEVELOPMENT, #TEACHING METHODS, #TEACHING PROCEDURES, #TEACHING TECHNIQUES, COLORADO, EDUCATIONAL RESEARCH, FORT COLLINS, PERCEPTION, RESEARCH PROJECTS.

START DATE 06-15-66

END DATE 03-15-67

THE PURPOSE OF THE PROPOSED STUDY IS TO BEGIN A SYSTEMATIC RESEARCH PROGRAM STUDYING TEACHER BEHAVIORS THAT ARE RELATED TO DIRECTION OF THE PERCEPTION OF THE STUDENT. THE OBJECTIVES ARE (1) TO DEVELOP A COMPREHENSIVE ANNOTATED BIBLIOGRAPHY OF RESEARCH ON PERCEPTION DIRECTION, ATTENTION, SET AND INCIDENTAL-INTENTIONAL LEARNING, (2) TO ATTEMPT TO IDENTIFY A LIST OF TASKS IN VOCATIONAL EDUCATION IN THE COGNITIVE DOMAIN THAT ARE JUDGED SIMILAR IN LEVEL OF ABSTRACTION AND NUMBER OF CONCEPTS INVOLVED, (3) TO EXPLORE THE POSSIBILITY OF DEVELOPING MEASURES OF ATTENTION APPROPRIATE FOR CLASSROOM USE, AND (4) TO CONDUCT PILOT EXPERIMENTS TESTING OUT TASKS SUGGESTED BY THE REVIEWED RESEARCH AND TESTING THE MEASURES DEVELOPED. A LIBRARY STUDY WILL BE MADE OF PERTINENT RESEARCH AND ATTENTION MEASURING DEVICES. THE LIST OF TASKS IN VOCATIONAL EDUCATION WILL BE DEVELOPED FROM A STUDY OF CURRICULUM GUIDES AND SIMILARITY WILL BE JUDGED BY A PANEL. PROCEDURES FOR OBJECTIVE FOUR WILL BE BASED ON OUTCOMES OF THE FIRST THREE OBJECTIVES. (GC)

**EP 010 170**

24

FACTORS RELATED TO EDUCATIVE PARTICIPATION BY NONCOLLEGE BOUND YOUNG ADULTS.

INVESTIGATOR- KNOX, ALAN

COLUMBIA UNIV., TEACHERS COLL., NEW YORK

BUREAU NUMBER BR-6-1826

PROP DATE 27 AUG 65

CONTRACT OEG-1-6-061826-0556

DESCRIPTORS- #ADULT EDUCATION PROGRAMS, #ADULT STUDENTS, #PREVOCATIONAL EDUCATION, #VOCATIONAL EDUCATIONAL, #VOCATIONAL INTERESTS, ADULT PROGRAMS, NEW YORK, NEW YORK CITY, VOCATIONAL SCHOOLS.

START DATE 03-01-66

END DATE 11-30-68

AN EXPLORATORY STUDY OF FACTORS RELATING TO THE PARTICIPATION OF NONCOLLEGE BOUND YOUNG ADULTS IN ADULT EDUCATION PROGRAMS. THE RESULTS SHOULD PROVIDE VOCATIONAL EDUCATION ADVISERS A BASIS FOR MORE EFFECTIVE ENCOURAGEMENT OF YOUNG ADULTS TO CONTINUE PART-TIME EDUCATIVE ACTIVITY. THE PRIMARY DATA WILL BE COLLECTED BY INTERVIEW WITH NONCOLLEGE BOUND YOUNG ADULTS AGED 18 THROUGH 29. IN PHASE ONE, 180 YOUNG ADULTS FROM ONE COMMUNITY WILL EACH BE INTERVIEWED TWICE. THE EXTENT OF EDUCATIVE ACTIVITY WILL BE CORRELATED

## PROJECT RESUMES

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WITH ALL REMAINING VARIABLES THAT WILL BE SELECTED ON THE BASIS OF A THEORETICAL FRAMEWORK AND CONSENSUS BY EXPERTS REGARDING RELEVANCE TO EDUCATIVE ACTIVITY. IN PHASE TWO, 900 YOUNG ADULTS FROM ONE METROPOLITAN AREA WILL BE INTERVIEWED ONCE. THE SECOND PHASE WILL BE REPEATED FOR MALE, HIGH SCHOOL GRADUATES IN THREE ADDITIONAL AND DIFFERENT COMMUNITY AREAS. THE VARIABLES THAT ARE MOST HIGHLY CORRELATED WITH EDUCATIVE ACTIVITY WILL BE RATED BY A PANEL OF EXPERTS REGARDING PROBABLE SUSCEPTIBILITY TO INFLUENCE. (GC)

**EP 010 171**

08

PREDICTION OF ADULT EDUCATORS' ATTITUDES TOWARD CHANGES IN UNIVERSITY POLICIES.

INVESTIGATOR- APEL, JOHN D.

UNIV. OF CHICAGO, GRADUATE SCHOOL OF EDUCATION

BUREAU NUMBER BR-6-8075

PROP DATE 27 AUG 68

GRANT OEG-3-068075-0843

DESCRIPTORS- #ADULT EDUCATION PROGRAMS, #CHANGING ATTITUDES, #EXTENSION EDUCATION, #TEACHER ROLE, #UNIVERSITIES, ADMINISTRATOR ATTITUDES, PSYCHOLOGICAL PATTERNS, UNIVERSITY OF MISSOURI,

START DATE 04-22-68

END DATE 04-30-68

THIS RESEARCH WILL PROVIDE THE BASES FOR A RATIONALE FOR PREDICTING ADULT EDUCATOR ATTITUDES TOWARD CHANGE. THESE BASES WILL BE USEFUL TO EDUCATIONAL ADMINISTRATORS AS THEY RECRUIT NEW PERSONNEL AND PLAN INFORMATION AND TRAINING PROGRAMS TO SECURE MORE FAVORABLE ATTITUDES TOWARD INSTITUTIONAL CHANGE. THEORETICALLY, THE STUDY WILL EXAMINE THE PREMISES THAT THERE IS NO TRULY SIGNIFICANT GENERALIZED PREDISPOSITION TOWARD CHANGE, AND THAT MOST PEOPLE DISCRIMINATE BETWEEN WHAT THEY CONSIDER TO BE "GOOD" AND "BAD" CHANGES. THE DATA WILL BE GATHERED FROM THE PROFESSIONAL PERSONNEL OF THE UNIVERSITY OF MISSOURI'S EXTENSION DIVISION BY MEANS OF INSTRUMENTS ADMINISTERED TO THE RESPONDENTS IN A GROUP. THESE PRIMARY DATA WILL BE SUPPLEMENTED BY INTERVIEWS WITH SELECTED RESPONDENTS AND ANALYZED BY MULTIPLE CORRELATION, SINGLE ORDER CORRELATION, AND ANALYSIS OF VARIANCE. (JL)

**EP 010 172**

08

THE PRODUCTION AND VALIDATION OF EDUCATION SYSTEMS PACKAGES FOR OCCUPATIONAL TRAINING OF DEPRESSED AREA STUDENTS.

INVESTIGATOR- BUSHNELL, DONALD D.

BROOKS FOUNDATION, SANTA BARBARA, CALIF.

BUREAU NUMBER BR-6-2777

PROP DATE 15 APR 68

GRANT OEG-4-6-062777-2239

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #CURRICULUM ENRICHMENT, #DISADVANTAGED YOUTH, #INSTRUCTIONAL AIDS, #INSTRUCTIONAL MATERIALS, CALIFORNIA, HIGH SCHOOL STUDENTS, SANTA BARBARA, SPECIAL EDUCATION, SPECIAL PROGRAMS.

START DATE 08-30-68

END DATE 12-31-68

AN 18-MONTH PROGRAM OF DEVELOPING AND TAILORING INSTRUCTIONAL MATERIALS IS SET FORTH WITH CONCOMITANT RESEARCH PROPOSED ON THREE METHODS OF MODIFYING, TAILORING, AND VALIDATING THESE MATERIALS SO THAT THEY ARE APPROPRIATE FOR SELF-INSTRUCTION BY DISADVANTAGED STUDENTS. PHASE I,

DESIGNED TO TEST THE VIABILITY OF THE TUTORIAL METHODS TO BE USED IN PHASE II OF THE PROJECT AND TO PROVIDE SUPPORTIVE EVIDENCE FOR THE HYPOTHESES IN THE PROPOSAL, WAS COMPLETED IN JANUARY 1966. IN PHASE II THE BROOKS FOUNDATION WILL PRODUCE THE RECOMMENDED MULTIMEDIA MATERIALS. RANDOMLY SELECTED STUDENTS WILL STUDY THE ORIGINAL MATERIALS DEVELOPED IN WORKSHOP SESSIONS. BY ANALYSIS OF STUDY FRAME RESPONSES, A FIRST-ORDER REVISION OF THESE MATERIALS IN EACH OF THE FIVE SUBJECT AREAS WILL BE PREPARED. RANDOMLY SELECTED STUDENTS WILL THEN STUDY THE FIRST-ORDER REVISIONS. SIMULTANEOUSLY, PROGRESSIVE MODIFICATION OF ORIGINAL MATERIALS THROUGH TUTORIAL FEEDBACK WILL BE UTILIZED TO DEVELOP A THIRD SET OF STUDY MATERIALS. ALL THREE PACKAGES OF MATERIALS WILL BE STUDIED BY RANDOMLY SELECTED STUDENTS AND STATISTICAL STUDIES RUN ON THE RESULTING DATA. FROM THE DAILY ANALYSES SHEETS A DATA BANK OF CONCEPTUAL PROBLEMS AND TUTORIAL STRATEGIES WILL BE ESTABLISHED. EXPERIMENTAL USE OF THE DATA BANK IN INSTRUCTION OF NEW TUTORS AND BEHAVIOR ANALYST TRAINEES WILL BE ONGOING THROUGHOUT PHASE II. (GC)

**EP 010 173**

08

SOUTH CAROLINA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION.

INVESTIGATOR- DAVIS, LOWERY H.

CLEMSON UNIV., S. C.

BUREAU NUMBER BR-6-2748

PROP DATE 20 APR 68

GRANT OEG-2-6-062748-2073

DESCRIPTORS- #EDUCATIONAL RESEARCH, #INFORMATION DISSEMINATION, #RESOURCE UNITS, #STATE PROGRAMS, #VOCATIONAL EDUCATION, CLEMSON, COOPERATIVE PROGRAMS, CURRICULUM PLANNING, JOB ANALYSIS, OCCUPATIONAL INFORMATION, SOUTH CAROLINA,

START DATE 06-23-68

END DATE 07-31-68

A STATE RESEARCH COORDINATING UNIT WILL BE ESTABLISHED IN SOUTH CAROLINA FOR IDENTIFYING, CONDUCTING, COORDINATING, AND DISSEMINATING RESEARCH STUDIES IN THE FIELD OF VOCATIONAL EDUCATION. IT WILL PROVIDE THE FOLLOWING SERVICES--(1) A DATA BANK OF OCCUPATIONAL INFORMATION, CURRENT JOB ANALYSES, AND INFORMATION FOR EXTENDING, MODIFYING, AND IMPROVING VOCATIONAL CURRICULUMS, AND (2) A SYSTEM FOR RAPID DISSEMINATION OF RESEARCH DEVELOPMENT. THE UNIT WILL BE FORMED THROUGH THE COOPERATION OF THE SOUTH CAROLINA EMPLOYMENT SECURITY COMMISSION, THE DEPARTMENT OF LABOR OF SOUTH CAROLINA, AND VARIOUS EMPLOYERS WITHIN THE STATE. (JH)

**EP 010 174**

08

TENNESSEE RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION.

INVESTIGATOR- ALDRON, HOWARD F.

UNIVERSITY OF TENNESSEE, COLLEGE OF EDUCATION

BUREAU NUMBER BR-6-2730

PROP DATE 21 APR 68

GRANT OEG-2-6-062730-2217

DESCRIPTORS- #EDUCATIONAL RESEARCH, #PROGRAM GUIDES, #RESOURCE UNITS, #STATE PROGRAM, #VOCATIONAL EDUCATION, COOPERATIVE PROGRAMS, EDUCATIONAL PLANNING, KNOXVILLE, TENNESSEE,

START DATE 06-28-68

END DATE 07-31-68

## PROJECT RESUMES

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A RESEARCH COORDINATING UNIT WILL BE ESTABLISHED IN TENNESSEE TO PROVIDE A PROGRAM STRUCTURE OFFERING CONTINUING RESEARCH AND TRAINING IN VOCATIONAL-TECHNICAL EDUCATION AND ASSURING THE DEVELOPMENT AND IMPLEMENTATION OF QUALITY PROGRAMS IN THIS AREA. IT WILL BE CENTERED IN THE COLLEGE OF EDUCATION OF THE UNIVERSITY OF TENNESSEE. PROCEDURES FOR ITS ESTABLISHMENT INCLUDE (1) THE CREATION OF THE UNIT, INCLUDING THE APPOINTMENT OF A COMPETENT PROFESSIONAL STAFF AND AN ADVISORY COMMITTEE, (2) DETERMINATION OF MAJOR PROBLEMS IN VOCATIONAL-TECHNICAL EDUCATION AND THE ESTABLISHMENT OF PROCEDURES FOR RESOLVING THE PROBLEMS, (3) ESTABLISHMENT OF A COOPERATIVE WORKING RELATIONSHIP WITH ALL AGENCIES CONCERNED WITH VOCATIONAL-TECHNICAL EDUCATION IN TENNESSEE, AND (4) THE FORMULATION OF A "MASTER PLAN" AND SUPPORTING GUIDELINES FOR VOCATIONAL-TECHNICAL EDUCATION. (JH)

## EP 010 175 08

INDIANA RESEARCH AND DEVELOPMENT COORDINATING UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION.

INVESTIGATOR- YOHOM, L.W.

STATE BOARD FOR VOCATIONAL EDUCATION, INDIANAPOLIS

BUREAU NUMBER BR-6-2717

PROP DATE 18 APR 68

GRANT OEG-3-6-062717-2144

DESCRIPTORS- #INFORMATION DISSEMINATION, #RESEARCH, #VOCATIONAL EDUCATION, EDUCATIONAL RESEARCH, INDIANA, INDIANAPOLIS, TECHNICAL EDUCATION, TERRE HAUTE,

START DATE 06-27-68

END DATE 06-30-69

A RESEARCH AND DEVELOPMENT (R AND D) COORDINATING UNIT (RCU) UNDER THE INDIANA STATE BOARD FOR EDUCATION WILL BE DESIGNED AND IMPLEMENTED. A STEERING COMMITTEE WILL GUIDE THE RCU STAFF IN DEVELOPING A MASTER PLAN FOR COORDINATING STATEWIDE R AND D EFFORT. SPECIFIC OBJECTIVES OF THE UNIT WILL INCLUDE--(1) STIMULATING R AND D EFFORT, (2) DETERMINING THE NATURE AND EXTENT OF STATEWIDE VOCATIONAL AND TECHNICAL R AND D EFFORT, AND (3) PROVIDING FOR NECESSARY RESOURCES AND CONSULTING SERVICES. THE STATE VOCATIONAL EDUCATION EVALUATION SYSTEM WILL BE USED TO GET FEEDBACK INFORMATION REQUIRED FOR SUBSEQUENT PLANNING. THE RCU WILL SERVE AS AN INFORMATION DEPOSITORY. IT WILL DISSEMINATE JOB REQUIREMENTS AND EMPLOYMENT OPPORTUNITIES INFORMATION FOR IMPROVING VOCATIONAL AND TECHNICAL EDUCATION. THE INFORMATION DISSEMINATED WILL BE IN COOPERATION WITH THE U. S. OFFICE OF EDUCATION, EDUCATIONAL RESEARCH INFORMATION CENTER (ERIC). (JW)

## EP 010 176 08

NORTH CAROLINA RESEARCH COORDINATING UNIT IN OCCUPATIONAL EDUCATION.

INVESTIGATOR- BEARD, H. B.

UNIV. OF NO. CAROLINA, N.C. STATE UNIV. AT RALEIGH

BUREAU NUMBER BR-6-2735

PROP DATE 20 APR 68

GRANT OEG-2-6-062735-2218

DESCRIPTORS- #EDUCATIONAL RESEARCH, #INFORMATION DISSEMINATION, #RESOURCE UNITS, #STATE PROGRAMS, #VOCATIONAL EDUCATION, COOPERATIVE PROGRAMS, CURRICULUM RESEARCH, INTERCOMMUNICATION, NORTH CAROLINA, PROFESSIONAL SERVICES, RALEIGH, TRAINING,

START DATE 06-28-68

END DATE 07-31-69

THIS PROJECT WILL ESTABLISH A RESEARCH COORDINATING UNIT IN NORTH CAROLINA TO IMPROVE THE CLIMATE AND CIRCUMSTANCES FOR THE PRODUCTION OF RESEARCH AND TO CLOSE THE GAP BETWEEN RESEARCH AND PRACTICE IN VOCATIONAL EDUCATION. A MAJOR FUNCTION WILL BE THE DISSEMINATION OF RESEARCH FINDINGS. MORE SPECIFICALLY, THE UNIT WILL (1) STIMULATE RESEARCH AND IDENTIFY RESEARCH PROBLEMS IN OCCUPATIONAL EDUCATION, (2) DEVELOP AND PROVIDE A SYSTEM BY WHICH PERTINENT DATA MAY BE ORGANIZED AND MADE AVAILABLE TO RESEARCHERS, POLICYMAKERS, AND PRACTITIONERS, (3) MAINTAIN COMMUNICATION LINKS AMONG TEACHERS, ADMINISTRATORS, AND RESEARCH WORKERS IN THE FIELD AND ENCOURAGE THE DEVELOPMENT OF ADDITIONAL MECHANISMS TO FACILITATE ACTIVITIES ALONG THE RESEARCH-ACTION CONTINUUM, (4) ASSIST IN CONDUCTING TRAINING PROGRAMS ON ACTIVITIES INVOLVED IN THE RESEARCH-ACTION CONTINUUM, AND (5) PROVIDE CONSULTANT SERVICES IN STATE, LOCAL, AND AREA RESEARCH AND DEVELOPMENT ACTIVITIES. THE UNIT WILL BE ORGANIZED AS A PART OF THE SCHOOL OF EDUCATION OF NORTH CAROLINA STATE UNIVERSITY UNDER UNIVERSITY ADMINISTRATION AND CONTROL. ONCE IT HAS BEEN FIRMLY ESTABLISHED AND IS MADE FUNCTIONAL, AN EVALUATION WILL BE CONDUCTED ANNUALLY TO DETERMINE THE EXTENT TO WHICH ITS PURPOSES ARE BEING REALIZED. (JH)

## EP 010 177 08

MISSOURI OCCUPATIONAL RESEARCH COORDINATING UNIT.

INVESTIGATOR- ROBINSON, B.W.

STATE DEPT. OF EDUCATION, JEFFERSON CITY, MO.

BUREAU NUMBER BR-6-2760

PROP DATE 22 APR 68

GRANT OEG-3-6-062760-2215

DESCRIPTORS- #EDUCATIONAL RESEARCH, #INFORMATION DISSEMINATION, #RESOURCE UNITS, #STATE PROGRAMS, #VOCATIONAL EDUCATION, COOPERATIVE PROGRAMS, DATA ANALYSIS, DATA COLLECTION, EMPLOYMENT OPPORTUNITIES, JEFFERSON CITY, JOB TRAINING, MISSOURI, OCCUPATIONAL INFORMATION, RESEARCH COMMITTEES, YOUTH OPPORTUNITIES.

START DATE 06-28-68

END DATE 07-31-69

A RESEARCH COORDINATING UNIT FOR PROGRAMS IN VOCATIONAL EDUCATION WILL BE ESTABLISHED IN THE STATE OF MISSOURI TO COLLECT, ANALYZE, SYNTHESIZE, INTERPRET, AND DISSEMINATE DATA ON EMPLOYMENT OPPORTUNITIES, OCCUPATIONAL TRENDS, AND HUMAN RESOURCES FOR THE DEVELOPMENT AND PLANNING OF VOCATIONAL TRAINING PROGRAMS, CURRICULUMS, AND FACILITIES. PROJECT COORDINATION IS TO BE ACCOMPLISHED, BRINGING TOGETHER THE ACTIVITIES OF VARIOUS STATE, LOCAL, AND COMMUNITY AGENCIES THAT FUNCTION IN THE AREAS OF VOCATIONAL TRAINING AND OCCUPATIONS. EFFORTS WILL BE MADE TO PROVIDE A CONTINUING REVIEW OF CURRENT VOCATIONAL PROGRAMS IN THE STATE AND TO ENCOURAGE OCCUPATIONAL RESEARCH WHERE AND WHEN IT IS NEEDED TO FILL EXISTING EDUCATIONAL GAPS. THE UNIT WILL WORK CLOSELY WITH COLLEGES, UNIVERSITIES, LOCAL SCHOOL DISTRICTS, GOVERNMENT AGENCIES, BUSINESS, INDUSTRY, AND LABOR IN DETERMINING THE EMPLOYMENT OPPORTUNITIES AND TRAINING NEEDS FOR GAINFUL EMPLOYMENT. THE LOCATION OF THE UNIT WILL BE IN THE VOCATIONAL EDUCATION DIVISION OF THE MISSOURI STATE DEPARTMENT OF EDUCATION. AN ADVISORY COMMITTEE WILL BE ESTABLISHED WITH THE ASSISTANCE OF PART-TIME CONSULTANTS TO ADMINISTER AND EVALUATE THE PROGRAM. (JH)

**EP 010 178**

08

REVISED INSTRUCTIONAL PROGRAMS FOR SLOW LEARNERS TO IMPROVE THEIR JOB PLACEMENT OPPORTUNITIES.  
 INVESTIGATOR- BECKEN, ELLIOTT D.  
 HEDFORD SCHOOL DISTRICT NO. 349C, ORE.  
 BUREAU NUMBER BR-5-0063  
 CONTRACT OEC-5-85-010

DESCRIPTORS- \*ACADEMIC APTITUDE, \*CURRICULUM DEVELOPMENT, \*DROPOUT PROGRAMS, \*EMPLOYMENT, \*GUIDANCE, EMPLOYMENT OPPORTUNITIES, EMPLOYMENT SERVICES, HEDFORD, OCCUPATIONAL GUIDANCE, OREGON,

START DATE 04-01-85

END DATE 03-31-87

A THREE-PHASE STUDY WILL BE CONDUCTED TO IMPROVE THE HIGH SCHOOL EDUCATIONAL PROGRAMS AND JOB PLACEMENT OPPORTUNITIES FOR SLOW LEARNERS. SLOW LEARNERS' CAPABILITIES WILL BE SAMPLED WITH A BATTERY OF APTITUDE TESTS, INVENTORIES, MANIPULATIVE TESTS, AND INTERVIEWS. THEN A SURVEY OF COMMUNITY BUSINESS AND INDUSTRY WILL BE CONDUCTED TO DETERMINE CANDIDATE JOBS AND JOB REQUIREMENTS MATCHED WITH SLOW LEARNER CAPABILITIES. THE COMMUNITY SURVEY WILL BE COORDINATED WITH A U. S. EMPLOYMENT SERVICE CENSUS. JOB DESCRIPTIONS AND REQUIREMENTS OBTAINED IN THE COMMUNITY SURVEY WILL BE CORRELATED WITH CAPABILITY DATA. EVALUATIVE CRITERIA DEVELOPED BY AN ADVISORY DESIGN COMMITTEE PRIOR TO STUDY ACTIVITIES WILL THEN BE USED TO ASSESS THE RESULTS OF DATA COLLECTION AND COMPUTER ANALYSES, AND GUIDELINES FORMULATED FOR CURRICULUM REVISION AND JOB PLACEMENT GUIDANCE FOR LEARNERS WITH AN IQ RANGE OF 75 TO 89. (WN)

**EP 010 179**

08

KANSAS VOCATIONAL EDUCATION RESEARCH COORDINATING UNIT.  
 INVESTIGATOR- BARTHEL, CHRISTOPHER E.  
 RESEARCH FOUNDATION OF KANSAS, TOPEKA  
 BUREAU NUMBER BR-6-2725 PROP DATE 21 APR 86  
 GRANT OEG-3-8-062725-2213

DESCRIPTORS- \*EDUCATIONAL RESEARCH, \*INFORMATION DISSEMINATION, \*RESOURCE UNITS, \*STATE PROGRAMS, \*VOCATIONAL EDUCATION, CASEWORKER APPROACH, COOPERATIVE PROGRAMS, INFORMATION UTILIZATION, JOB TRAINING, KANSAS, OCCUPATIONAL INFORMATION, RESEARCH COMMITTEES, TOPEKA, YOUTH OPPORTUNITIES,

START DATE 08-28-86

END DATE 07-31-89

AN ATTEMPT WILL BE MADE TO SOLVE PROBLEMS ASSOCIATED WITH POPULATION MIGRATION, PERSONAL INCOME, INDUSTRIAL EXPANSION, CHANGING LABOR FORCES, OCCUPATIONAL NEEDS, AND VOCATIONAL TRAINING IN THE STATE OF KANSAS THROUGH THE ESTABLISHMENT OF A STATEWIDE RESEARCH COORDINATING UNIT IN VOCATIONAL EDUCATION. THIS WILL BE ACCOMPLISHED THROUGH A COOPERATIVE PROJECT, INVOLVING THE STATE BOARD FOR VOCATIONAL EDUCATION, SEVERAL STATE AGENCIES, UNIVERSITIES AND COLLEGES, AND OTHER INTERESTED ORGANIZATIONS WITHIN THE STATE. THE UNIT WILL PROVIDE RESEARCH-BASED FACTS UPON WHICH SOUND DECISIONS CAN BE MADE AT THE STATE GOVERNMENT LEVEL TO GREATLY ALLEVIATE EXISTING PROBLEMS WITH REFERENCE TO FUTURE VOCATIONAL EDUCATION AND MANPOWER REQUIREMENTS IN KANSAS. THREE DISTINCT FUNCTIONS WILL BE CARRIED OUT BY THE

COOPERATIVE UNIT--(1) STIMULATION AND CONDUCT OF RESEARCH IN APPROPRIATE AREAS, (2) PROVISION OF INFORMATION SERVICES, AND (3) COORDINATION OF ALL VOCATIONAL ACTIVITIES THROUGH FIELD OPERATIONS. ADMINISTRATIVE PERFORMANCE OF THE UNIT (TO BE LOCATED AT TOPEKA, KANSAS) WILL REST WITH THE STATE GOVERNMENT. INITIALLY, A 37-MONTH PILOT PROJECT WILL BE IMPLEMENTED TO ESTABLISH THE UNIT AND TO EVALUATE ITS PRELIMINARY ACCOMPLISHMENTS. (JNH)

**EP 010 180**

08

THE DEVELOPMENT AND IMPROVEMENT OF DIRECTED WORK-EXPERIENCE PROGRAMS IN EXPANDED VOCATIONAL EDUCATION OFFERINGS IN AGRICULTURE AT THE SECONDARY SCHOOL LEVEL.

INVESTIGATOR- CUSHMAN, HAROLD R.  
 CORNELL UNIV., ITHACA, N. Y.  
 BUREAU NUMBER BR-5-0161  
 GRANT OEG-1-6-000369-0655

PROP DATE 27 MAY 85

DESCRIPTORS- \*AGRICULTURE, \*HORTICULTURE, \*JOB TRAINING, \*TEACHER GUIDANCE, \*WORK-EXPERIENCE PROGRAMS, COMPARATIVE ANALYSIS, ITHACA, NEW YORK, VOCATIONAL EDUCATION, WORK EXPERIENCE,

START DATE 10-01-85

END DATE 09-30-87

THE OBJECTIVES ARE (1) TO DEVELOP TESTED PROCEDURES FOR THE GUIDANCE OF TEACHER-COORDINATORS IN DEVELOPING AND DIRECTING WORK-EXPERIENCE PROGRAMS FOR VOCATIONAL EDUCATION OFFERINGS IN AGRICULTURE, AND (2) TO COMPARE THE OUTCOMES OF TWO DIFFERENT "HOUR REQUIREMENTS" FOR DIRECTED WORK-EXPERIENCE PROGRAMS IN VOCATIONAL EDUCATION OFFERINGS IN AGRICULTURE. A DEVELOPMENTAL PROGRAM INVOLVING FOUR DISTINCT AND INTERRELATED PHASES WILL BE CARRIED OUT SO THAT (1) PROCEDURES FOR THE GUIDANCE OF TEACHER-COORDINATORS IN DEVELOPING AND DIRECTING WORK-EXPERIENCE PROGRAMS WILL BE SYNTHESIZED FROM A CONSORTIUM OF INNOVATIVE IDEAS DRAWN FROM NUMEROUS CREATIVE SOURCES, (2) A TRYOUT OF THE PROCEDURES WILL BE CONDUCTED IN 16 SCHOOLS OFFERING TWO EMERGING PROGRAMS OF VOCATIONAL EDUCATION IN AGRICULTURE. (ONE-HALF OF THE STUDENTS IN EACH SCHOOL WILL ENGAGE IN DIRECTED WORK-EXPERIENCE FOR THE "OPTIMUM" NUMBER OF HOURS, THE REMAINING STUDENTS WILL ENGAGE IN DIRECTED WORK-EXPERIENCE FOR "ONE-HALF OF THE OPTIMUM" NUMBER OF HOURS), (3) AN INTENSIVE EVALUATION WILL BE CONDUCTED WITH STUDENTS, EMPLOYERS, PARENTS AND TEACHERS INVOLVED IN THE TRYOUT, AND (4) THE PROCEDURES WILL BE REVISED, PUBLISHED IN MANUAL FORM, AND DISTRIBUTED. (GC)

**EP 010 181**

24

A COLLEGE LEVEL ART CURRICULUM IN GLASS.  
 INVESTIGATOR- WILLSON, ROBERT  
 UNIVERSITY OF MIAMI, CORAL GABLES, FLA.  
 BUREAU NUMBER BR-5-8304

PROP DATE 09 APR 85

CONTRACT OEC-2-6-058304-1146

DESCRIPTORS- #ART EDUCATION, #FOREIGN COUNTRIES, #GLASS ARTS, #INDUSTRY, #MUSEUMS, #SURVEYS, BELGIUM, CORAL GABLES, EGYPT, ENGLAND, FINLAND, FLORIDA, FRANCE, GERMANY, GREECE, HOLLAND, ITALY, MEXICO, NORWAY, ORGANIZATIONS (GROUPS), SPAIN, SPECIAL EDUCATION, SPECIAL PROGRAMS,

START DATE 08-20-86

END DATE 11-20-87

## PROJECT RESUMES

PAGE 19

A SURVEY OF GLASS SCHOOLS AND FACTORIES OF THE UNITED STATES AND FOREIGN COUNTRIES WILL BE MADE TO COLLECT DATA FOR A PILOT PROGRAM LEADING TO A MAJOR IN ART GLASS SUITABLE FOR THE UNIVERSITY OF MIAMI AND AMERICAN COLLEGES IN GENERAL. THE MAJOR WORK WILL BE TO CONCENTRATE CHIEFLY ON A SURVEY OF THE ESTABLISHED GLASS SCHOOLS AND FACTORIES OF EUROPE AND MEXICO, WHERE EXPERIENCE, TEACHING, AND ORGANIZATION EXCEED AMERICAN ACTIVITY. THE SURVEY WILL INCLUDE ALL GLASS TEACHING Academic SITUATIONS (COURSE ARRANGEMENT, COURSE CONTENT, SKILLS, FACULTY, AND STUDENTS). A STUDY OF SUITABLE EQUIPMENT, SUPPLY SOURCES, AND TECHNICAL FACILITIES WILL BE CONDUCTED, AND FACTUAL DATA ON STUDENT SOURCES, ECONOMIC USES, BUSINESS RELATIONS, AND SPONSORSHIPS OF SUCH TEACHINGS WILL BE OBTAINED. THIS SURVEY PLAN AND THE PROPOSED PILOT DEGREE IN ART GLASS WILL BE DISCUSSED WITH A CROSS-SECTION OF AMERICAN SPECIALISTS, ORGANIZATIONS, AND MUSEUM PERSONNEL. AMERICAN COMMERCIAL GLASS ACTIVITIES--IN REFERENCE TO THEIR TRAINING SYSTEMS--USE OF APPRENTICES, AND ATTITUDE TOWARD COLLEGE-TRAINED PERSONNEL WILL ALSO BE EVALUATED. (GC)

**EP 010 182 24**

USE OF A DATA STORAGE AND RETRIEVAL SYSTEM TO TEACH ELEMENTARY SCHOOL CHILDREN CONCEPTS AND MODES OF INQUIRY IN THE SOCIAL SCIENCES.  
INVESTIGATOR- JOYCE, BRUCE R.  
COLUMBIA UNIV., TEACHERS COLL., NEW YORK  
BUREAU NUMBER BR-6-1369  
CONTRACT OEC-1-6-061369-0684

PROP DATE 15 AUG 65

DESCRIPTORS- #CONCEPT FORMATION, #EDUCATIONAL RESEARCH, #ELEMENTARY SCHOOL STUDENTS, #PRIMARY GRADES, #PROBLEM SOLVING, #SOCIAL SCIENCE, #TEACHING TECHNIQUES, NEW YORK, PURCHASE, THOUGHT PROCESSES,

START DATE 06-01-66

END DATE 11-01-67

A PROTOTYPE OF A SOCIAL SCIENCE DATA STORAGE AND RETRIEVAL SYSTEM (STAR) WILL BE DEVELOPED TO STUDY SOCIAL SCIENCE PROBLEM-SOLVING STRATEGIES. THE SYSTEM WILL BE SUITABLE FOR USE BY PRIMARY GRADE CHILDREN. PROBLEMS TO BE SOLVED WILL BE DERIVED FROM SUBJECT MATTER DEALING WITH THE COCHITI INDIAN PUEBLO OF NEW MEXICO. THE MAJOR TASK OF THE PROJECT WILL BE TO SELECT VISUALS SUPPORTED WITH WRITTEN PASSAGES, LEGENDS, AND GLOSSARIES FOR USE BY THE CHILDREN. PROCEDURES WILL BE DEVELOPED FOR TEACHING 20 CHILDREN TO USE THE STAR SYSTEM. CHILDREN WILL BE QUESTIONED AND THEIR RESPONSES WILL BE RECORDED OR OBSERVED. OBSERVERS WILL BE TRAINED TO ENSURE CONSISTENT OBSERVATIONS. DATA COLLECTED WILL BE ANALYZED TO COMPARE THE EFFECTS OF AGE, INTELLIGENCE, SOCIAL CLASS, PRIOR SOCIAL STUDIES INSTRUCTION, AND READING ACHIEVEMENT. THE DATA WILL ALSO BE ANALYZED TO DETERMINE RELATIONSHIPS AMONG PROBLEM-SOLVING STRATEGIES USED AND THE CATEGORIES OF THE SYSTEM TO HELP CHILDREN DISCOVER SOCIAL SCIENCE RELATIONSHIPS WILL PROCEED AFTER APPROPRIATE EVALUATION. (WN)

**EP 010 183 24**

PILOT STUDY OF A PROGRAM IN HOME ECONOMICS WHICH PREPARES FOR GAINFUL EMPLOYMENT.  
INVESTIGATOR- COZINE, JUNE  
OKLAHOMA STATE UNIV. OF AGRICULTURE AND APPLIED SCI  
BUREAU NUMBER BR-6-1578

PROP DATE 24 NOV 65

GRANT OEG-4-6-061576-1900

DESCRIPTORS- #CHILD CARE, #CLOTHING INSTRUCTION, #EMPLOYMENT OPPORTUNITIES, #FOODS-INSTRUCTION, #HOME ECONOMICS EDUCATION, CURRICULUM EVALUATION, OKLAHOMA, STILLWATER, VOCATIONAL EDUCATION,

START DATE 06-15-66 END DATE 08-14-68

EXISTING CURRICULUM MATERIALS WILL BE TESTED AND EVALUATED, AND PROBLEMS ENCOUNTERED IN TEACHING GAINFUL EMPLOYMENT COURSES IN HOME ECONOMICS WILL BE IDENTIFIED. AS MATERIALS ARE DEVELOPED AND FURTHER TESTING SEEMS DESIRABLE, PARTICIPANTS IN THE 1965 TRAINING PROGRAM WHO ARE OFFERING COURSES IN THE SAME AREAS HAVE AGREED TO TRY OUT MATERIALS AS WELL AS TO SHARE MATERIALS WHICH THEY DEVELOP. A SUMMER TRAINING PROGRAM WILL PROVIDE OPPORTUNITY FOR GROUP EVALUATION. WHILE ONLY ONE SCHOOL HAS BEEN SELECTED, ADDITIONAL SCHOOLS WILL PARTICIPATE AT VARIOUS TIMES. (JL)

**EP 010 184 24**

RHODE ISLAND OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT.  
INVESTIGATOR- LIEBERMAN, MYRON  
RHODE ISLAND COLLEGE, PROVIDENCE  
BUREAU NUMBER BR-6-2776

PROP DATE 21 APR 66

GRANT OEG-1-6-062776-2142

DESCRIPTORS- #OCCUPATIONAL INFORMATION, #RESEARCH METHODOLOGY, #STATE PROGRAMS, #VOCATIONAL EDUCATION, EDUCATIONAL RESEARCH, PROVIDENCE, RESEARCH PROJECTS, RHODE ISLAND,

START DATE 06-24-66

END DATE 07-23-68

THE ESTABLISHMENT OF AN OCCUPATIONAL AND RESEARCH COORDINATING UNIT THAT WILL SERVE AS A CENTER FOR RESEARCH ACTIVITIES IN VOCATIONAL EDUCATION IN RHODE ISLAND IS PLANNED. THE MAJOR OBJECTIVES ARE TO (1) CONDUCT VITALLY NEEDED STUDIES IN SUCH ASPECTS OF VOCATIONAL EDUCATION AS VOCATIONAL GUIDANCE, EMPLOYMENT NEEDS AND OPPORTUNITIES, TEACHER EDUCATION AND PROGRAM EVALUATION, (2) ENCOURAGE OCCUPATIONAL RESEARCH IN COLLEGES, LOCAL SCHOOL SYSTEMS AND OTHER RESEARCH AGENCIES THROUGH THE IDENTIFICATION OF RESEARCH SOURCES, PERSONNEL, AND PROCEDURES, AND (3) ESTABLISH A CONTINUING CENTER FOR VOCATIONAL EDUCATION RESEARCH, DEVELOPMENT, DISSEMINATION, AND EVALUATION. (GC)

**EP 010 185 24**

A FORMAL COURSE IN OCEANOGRAPHY AT THE SECONDARY SCHOOL THROUGH INDEPENDENT STUDY.  
INVESTIGATOR- LAMIE, RICHARD G.  
VALHALLA UNION FREE SCHOOL DISTRICT NO. 5, N. Y.  
BUREAU NUMBER BR-6-8297  
CONTRACT OEC-1-6-068297-1734

DESCRIPTORS- #COURSE ORGANIZATION, #INDEPENDENT STUDY, OCEANOGRAPHY, #SCIENCE COURSES, #SECONDARY EDUCATION, CURRICULUM RESEARCH, NEW YORK, PILOT PROJECTS, SECONDARY SCHOOL STUDENTS, VALHALLA,

START DATE 06-10-66

END DATE 08-30-67

THIS PROJECT WILL DETERMINE THE EXTENT TO WHICH SECONDARY SCHOOL STUDENTS CAN PURSUE INDEPENDENT STUDY IN OCEANOGRAPHY WHEN PROVIDED WITH APPROPRIATE COURSE OUTLINES, MATERIALS, FACILITIES, A WELL-INFORMED ADVISOR, AND CONSULTANTS EXPERT IN THE FIELD. VARIABLES CONDUCTIVE TO STUDENT SUCCESS AND FAILURE WILL BE IDENTIFIED. SEVERAL STUDENTS FROM FOUR SCHOOL DISTRICTS WILL BE SELECTED FOR THE STUDY SAMPLE. THEY WILL BE PERMITTED TO BE ABSENT FROM CERTAIN CLASSES TO ALLOW TIME FOR INDEPENDENT WORK. OPPORTUNITY WILL BE GIVEN FOR THE EXCHANGE OF IDEAS AND DISCUSSION OF INDIVIDUAL FINDINGS THROUGH GROUP SEMINARS AND INDIVIDUAL MEETINGS WITH THE PROJECT DIRECTOR. THIS PILOT STUDY WILL DETERMINE THE FEASIBILITY AND POTENTIALITY OF FORMAL INDEPENDENT STUDY COURSES IN OTHER SUBJECT AREAS. OCEANOGRAPHY WAS SELECTED FOR THIS PROJECT BECAUSE OF WIDENING INTEREST IN THE SUBJECT, ITS ABSENCE FROM THE SECONDARY SCHOOL CURRICULUM, ITS APPROPRIATENESS FOR DEMONSTRATING THE UNITY OF SCIENCE AND THE INTERDEPENDENCY OF ACADEMIC DISCIPLINES, AND THE AVAILABILITY OF COMPETENT KEY PERSONNEL. (JH)

**EP 010 186 24**

TEACHING UPPER ELEMENTARY SCHOOL SCIENCE WITH PROGRAMED MATERIALS AND STUDENT PERFORMED EXPERIMENTS.

INVESTIGATOR- MACDOUGALL, MARY A.  
UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE

BUREAU NUMBER BR-6-1319  
GRANT OEG-2-6-061319-1277

PROP DATE 13 AUG 65

A STATE RESEARCH COORDINATING UNIT IN VOCATIONAL EDUCATION IS PLANNED FOR THE STATE OF PENNSYLVANIA. THE UNIT WOULD PROVIDE LEADERSHIP IN IDENTIFYING NEEDS AND PRIORITIES FOR OCCUPATIONAL EDUCATION RESEARCH. IT WOULD PARTICIPATE IN THE DEVELOPMENT AND MONITORING OF OCCUPATIONAL EDUCATION PROJECTS SUPPORTED BY FEDERAL, STATE, AND PRIVATE AGENCIES. THE UNIT WOULD ENCOURAGE THE COOPERATION OF LOCAL SCHOOLS, COLLEGES, AND UNIVERSITIES IN PERFORMANCE OF RESEARCH TO IMPROVE OCCUPATIONAL EDUCATION. IT WOULD BE A CLEARINGHOUSE OF INFORMATION FOR ALL CONCERNED. IT WOULD CONDUCT NEEDED RESEARCH IF OTHER AGENCIES ARE RELUCTANT TO DO SO. IT WOULD DISSEMINATE RESULTS OF OCCUPATIONAL EDUCATION RESEARCH AND ENCOURAGE THE ADOPTION OF RESEARCH FINDINGS IN THE SCHOOLS AND COLLEGES. (GC)

**EP 010 188 08**

EDUCATIONAL ACTIVITIES WITHIN BUSINESS AND INDUSTRY IN RICHMOND, CALIFORNIA.

INVESTIGATOR- SWANSON, J. CHESTER  
UNIVERSITY OF CALIFORNIA, BERKELEY CAMPUS  
BUREAU NUMBER BR-5-1364  
GRANT OEG-4-6-000516-0969

PROP DATE 20 MAR 65

DESCRIPTORS- #EMPLOYER-EMPLOYEE RELATIONSHIPS, #INDUSTRIAL EDUCATION, #JOB PLACEMENT, #RESEARCH, #VOCATIONAL EDUCATION, BERKELEY, CALIFORNIA, COMMUNITY STUDIES, RICHMOND,

START DATE 04-01-66

END DATE 07-01-67

START DATE 08-01-66

END DATE 11-30-67

UNGRADED FIELD-TESTED PROGRAMED MATERIALS AND EXPERIMENTS FOR TEACHING UPPER ELEMENTARY SCHOOL SCIENCES WILL BE DEMONSTRATED. FIVE TEACHERS WILL BE TRAINED TO USE THE MATERIALS AND EXPERIMENTS. THESE 5 TEACHERS WILL ASSIST IN THE TRAINING OF 20 ADDITIONAL TEACHERS IN A SCIENCE WORKSHOP FOR ELEMENTARY SCHOOL TEACHERS. TEACHERS RECEIVING THE TRAINING WILL BE ASSIGNED TO 15 TEACHING-DEMONSTRATION CENTERS IN VIRGINIA. A TEACHER'S HANDBOOK, AND MANUAL OF EXPERIMENTS WILL BE PUBLISHED WITH A GUIDE FOR USING THE PROGRAMED MATERIALS. EFFECTS OF STUDENT-MATERIALS RELATED TO THE MATERIALS AND TECHNIQUES USED WILL BE STUDIED. (WN)

**EP 010 187 08**

ESTABLISHMENT OF A STATE RESEARCH COORDINATING UNIT IN VOCATIONAL EDUCATION.

INVESTIGATOR- HAYES, ROBERT  
STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG, PA.  
BUREAU NUMBER BR-6-2740  
GRANT OEG-1-6-062740-2234

HIRING PRACTICES, EMPLOYEE TRAINING ACTIVITIES, AND REASONS FOR BUSINESS AND INDUSTRY TRAINING WILL BE STUDIED. ALL EMPLOYING ORGANIZATIONS IN THE AREA OF RICHMOND, CALIFORNIA, WILL BE SURVEYED. A RANDOM STRATIFIED SAMPLE OF THE ORGANIZATIONS WHICH OFFER EMPLOYMENT WILL PARTICIPATE IN A PARTIALLY STRUCTURED INTERVIEW. THE REMAINING ORGANIZATIONS WILL RECEIVE MAILED QUESTIONNAIRES. GUIDES DESIGNED FOR MACHINE TABULATION WILL BE USED TO RECORD RESPONSES TO THE INTERVIEW AND QUESTIONNAIRES. THE INVESTIGATION OF HIRING PRACTICES WILL BE CONCERNED WITH METHODS OF SEEKING JOB APPLICANTS AND APPLICANTS' METHODS OF SEEKING EMPLOYMENT. AN ATTEMPT WILL ALSO BE MADE TO IDENTIFY EMPLOYER ATTITUDES AFFECTING EMPLOYABILITY. DATA COLLECTED WILL BE CROSS TABULATED AND ANALYZED FOR SIGNIFICANT CORRELATIONS. THE PROJECTED STUDY RESULTS AND INTERPRETATIONS SHOULD BE USEFUL TO JOB HUNTERS AND PUBLIC AGENCIES PROVIDING VOCATIONAL COUNSELING AND TRAINING. (WN)

**EP 010 189 08**

DEVELOPMENT OF A SCALE TO MEASURE STUDENTS IN AGRICULTURAL OCCUPATIONS.

INVESTIGATOR- HAMILTON, W.H.  
CORNELL UNIV., ITHACA, N. Y.  
BUREAU NUMBER BR-6-8304  
GRANT OEG-1-6-068304-0814

DESCRIPTORS- #OCCUPATIONAL INFORMATION, #STATE PROGRAMS, #VOCATIONAL EDUCATION, EDUCATIONAL RESEARCH, HARRISBURG, PENNSYLVANIA, RESEARCH METHODOLOGY, RESEARCH PROJECTS,

START DATE 08-24-66

END DATE 07-22-69

DESCRIPTORS- #AGRICULTURE, #GROUP DYNAMICS, #INTEREST SCALES, #JOB ANALYSIS, #OCCUPATIONAL INFORMATION, COMPARATIVE ANALYSIS, INTEREST TESTS, INTERVIEWS, ITHACA, NEW YORK, OCCUPATIONAL GUIDANCE, VOCATIONAL INTERESTS,

START DATE 08-01-66

END DATE 01-31-67

## PROJECT RESUMES

PAGE 81

A VALIDATED INVENTORY WILL BE DEVELOPED TO DISCRIMINATE INTERESTS AMONG EMPLOYEES IN VARIOUS AGRICULTURAL OCCUPATIONS. SUCH AN INVENTORY WITH VARIOUS INTEREST RATING SCALES WILL BE USEFUL TO VOCATIONAL TEACHERS AND GUIDANCE PERSONNEL IN WORK WITH HIGH SCHOOL STUDENTS ENROLLED IN THE EMERGING PROGRAMS OF ORNAMENTAL HORTICULTURE, CONSERVATION AND FORESTRY, BUSINESS AGRICULTURE, AND FARM MECHANICS, AS WELL AS EXISTING COURSES IN AGRICULTURAL PRODUCTION AND MANAGEMENT. A NUMBER OF PERTINENT INTEREST ITEMS WILL FIRST BE DETERMINED AND SYNTHESIZED THROUGH ACTIVITIES INVOLVING SPECIFIC JOB ANALYSES AND CONSULTATIONS WITH PROMINENT AGRICULTURAL EDUCATORS, BUSINESSMEN, AND GUIDANCE PERSONNEL. THESE WILL THEN BE USED IN INTERVIEWS WITH INDIVIDUALS IN SELECTED OCCUPATIONS. THE RESULTING DATA WILL BE PROCESSED AND ANALYZED, CONCENTRATING UPON DIFFERENCES IN THE PERCENTAGE OF LIKE, INDIFFERENT, AND DISLIKE RESPONSES RECEIVED IN AND AMONG THE VARIOUS OCCUPATIONAL GROUPS FOR EACH TEST ITEM. THE PROJECT ACTIVITY WILL BE COMPLETED WITH A COMPILATION OF A FINAL INVENTORY AND OCCUPATIONAL SCORING SCALES BASED UPON THE MOST SUCCESSFUL, DISCRIMINATING ITEMS IDENTIFIED IN THE ANALYSIS AND WITH THE REPORTING OF PROJECT RESULTS. (JH)

**EP 010 190** DB

MILITARY TRAINING TRANSFERABILITY STUDY.  
INVESTIGATOR- WEINSTEIN, PAUL A.  
UNIVERSITY OF MARYLAND, COLLEGE PARK  
BUREAU NUMBER BR-6-2198  
GRANT OEG-2-6-082198-1955

PROP DATE 31 JAN 68

PROP DATE 01 FEB 68

DESCRIPTORS- #RESEARCH, #TRAINING, #TRANSFER OF TRAINING,  
#VOCATIONAL EDUCATION, COLLEGE PARK, EDUCATIONAL RESEARCH,  
MANPOWER DEVELOPMENT, MARYLAND,

START DATE 08-15-68

END DATE 08-15-68

FACTORS RELATED TO VOCATIONAL TRAINING PROVIDED FOR AND BY MILITARY AND CIVILIAN SOURCES WILL BE COMPARED. THE COMPARISONS WILL BE USED TO TEST HYPOTHESES CONCERNING THE NATURE, IMPACT, APPLICATION, AND EXPRESSIONS OF ATTITUDES ASSOCIATED WITH MILITARY VOCATIONAL TRAINING TRANSFERRED TO THE CIVILIAN SECTOR. A SET OF POLICY ALTERNATIVES USEFUL FOR NATIONAL VOCATIONAL EDUCATION PLANNING WILL BE DERIVED FROM THE RESULTS. A NONRANDOM SAMPLE OF OCCUPATIONS REQUIRING FORMAL AND ON-THE-JOB MILITARY TRAINING WILL BE SELECTED FROM AIR FORCE AND ARMY TRAINING PROGRAMS FOR COMPARISON WITH CIVILIAN TECHNIQUES AND DEVELOPMENTS. EXISTENCE AS WELL AS ABSENCE OF THE REQUIREMENT FOR TRAINING WILL BE CONSIDERED. THE STUDY WILL EMPLOY SPECIALLY PREPARED COMPUTER PROGRAMS TO ORGANIZE DATA COLLECTED FOR ANALYSIS AND TO SEEK OUT INTERRELATED VARIABLES. COMPUTERIZED CORRELATION AND MULTIPLE-REGRESSION ANALYSES WILL ALSO BE ACCOMPLISHED. (WN)

**EP 010 191** DB

THE DESIGN AND EVALUATION OF VOCATIONAL TECHNICAL EDUCATION CURRICULA THROUGH FUNCTIONAL JOB ANALYSIS.  
INVESTIGATOR- CRAWFORD, MEREDITH P.  
GEORGE WASHINGTON UNIV., HUMAN RESOURCES RES. OFF.  
BUREAU NUMBER BR-6-1659  
GRANT OEG-2-6-081659-2085

PROP DATE 30 NOV 68

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #CURRICULUM GUIDES,

#CURRICULUM PLANNING, #TAXONOMY, #VOCATIONAL EDUCATION, D.C., INDUSTRIAL EDUCATION, WASHINGTON.

START DATE 08-22-68

END DATE 08-30-68

TO DEVELOP A TAXONOMY OF VOCATIONAL-INDUSTRIAL EDUCATION OBJECTIVES WHICH WILL (1) PROVIDE A FRAMEWORK OR STRUCTURE FOR EVALUATING AND COMPARING EXISTING PROGRAMS, AND (2) ESTABLISH CRITERIA FOR THE DESIGN AND DEVELOPMENT OF A RADICALLY DIFFERENT COMPREHENSIVE CURRICULUM IS THE OBJECTIVE OF THE PROGRAM. USING A PREVIOUSLY DEVELOPED INITIAL CLASSIFYATORY SCHEME, A SELECTED SAMPLE OF VOCATIONAL-INDUSTRIAL UNITS OF INSTRUCTION WILL BE OBSERVED AND CLASSIFIED, BASED ON OBSERVATION OF STUDENT PERFORMANCE. THE INSTRUCTIONAL STAFF WILL USE THE SAME CLASSIFICATION SCHEME TO GROUP THE UNITS OF INSTRUCTION ON THE BASIS OF STATEMENTS OF OBJECTIVES APPEARING IN LESSON PLANS AND CURRICULUM GUIDES. EVALUATION AND MODIFICATION OF THE CLASSIFICATION SCHEME WILL OCCUR SIMULTANEOUSLY WITH THE COMPARISON OF UNITS OF INSTRUCTION ACROSS SCHOOLS AND COURSES. (GC)

**EP 010 192**

DB

VOCATIONAL INTERESTS OF NON-PROFESSIONAL WOMEN.  
INVESTIGATOR- CAMPBELL, DAVID  
UNIVERSITY OF MINNESOTA, MINNEAPOLIS  
BUREAU NUMBER BR-6-1820  
GRANT OEG-3-6-081820-0755

PROP DATE 01 FEB 68

DESCRIPTORS- #FEMALE, #GROUP DYNAMICS, #INTEREST SCALES,  
#NONPROFESSIONAL PERSONNEL, #VOCATIONAL INTERESTS,  
COMPARATIVE ANALYSIS, INTEREST TESTS, MEASUREMENT INSTRUMENTS, MINNEAPOLIS, MINNESOTA, OCCUPATIONAL GUIDANCE,

START DATE 04-15-68

END DATE 04-14-68

AN INTEREST INVENTORY WILL BE MADE AS A FIRST STEP IN HELPING NONCOLLEGE-EDUCATED WOMEN SELECT OCCUPATIONS WHERE THEY WILL BE SATISFIED AND PRODUCTIVE. SUCH OCCUPATIONAL GROUPS OF NONPROFESSIONAL WOMEN AS BEAUTICIANS, LICENSED PRACTICAL NURSES, DENTAL TECHNICIANS, SECRETARIES, STEWARDESSES, FACTORY MACHINE OPERATORS, EXPERIENCED WAITRESSES, AND SALESLADIES WILL BE EXAMINED AND COMPARED. THESE WILL REPRESENT AN ADEQUATE CROSS SECTION OF THE NONPROFESSIONAL OCCUPATIONS FOR WOMEN. SAMPLES OF WOMEN IN EACH OF THESE OCCUPATIONS WILL BE IDENTIFIED AND SELECTED FOR PARTICIPATION IN THIS STUDY EFFORT. EACH SUBJECT WILL BE ADMINISTERED THE "STRONG VOCATIONAL INTEREST BLANK FOR WOMEN," AN INSTRUMENT NORMALLY USED IN THE ANALYSIS OF PROFESSIONAL GROUPS BUT REVISED FOR THE CURRENT PROJECT. RESULTING TEST DATA WILL BE USED TO DEFINE AND MEASURE VOCATIONAL INTERESTS. COMPARISONS WILL BE MADE AMONG GROUPS, AND OCCUPATIONAL INTEREST SCALES WILL BE DEVELOPED. IN ADDITION, APPROPRIATE VALIDITY AND RELIABILITY STUDIES ARE TO BE MADE, AS WELL AS A STUDY OF INTERRELATIONSHIPS BETWEEN SCALES. (JH)

**EP 010 193**

DB

FACTORS ASSOCIATED WITH SUCCESSFUL ADAPTATION TO THE SECRETARIAL/STENOGRAPHIC ROLE.  
INVESTIGATOR- COOK, FRED B.  
WAYNE STATE UNIV., COLL. OF EDUCATION, DETROIT

## PROJECT RESUMES

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BUREAU NUMBER BR-8-2101  
 GRANT OEG-1-6-062101-2079

PROP DATE 31 JAN 66

DESCRIPTORS- \*COGNITIVE MEASUREMENT, \*JOB ANALYSIS, \*ROLE PLAYING, \*SECRETARIES, \*STENOGRAFERS, BEHAVIOR PATTERNS, BUSINESS RESPONSIBILITY, CURRICULUM RESEARCH, DETROIT, INDIVIDUAL CHARACTERISTICS, MEASUREMENT TECHNIQUES, MICHIGAN, PEER RELATIONSHIP, PERFORMANCE, PREDICTIVE MEASUREMENT, SERVICE OCCUPATIONS, SUPERVISION,

START DATE 06-22-66

END DATE 06-30-66

THE ROLE OF THE SECRETARY/STENOGRAPHER WILL BE ANALYZED, CONCENTRATING UPON THE WORK SETTING AND VARIOUS SITUATIONAL VARIABLES WHICH CONTRIBUTE TO SECRETARIAL/STENOGRAPHIC SUCCESS OR FAILURE, TO PROVIDE DATA WHICH CAN BE USED FOR CURRICULUM REVISION AND UPDATING IN THE EDUCATION OF THESE INDIVIDUALS. AT LEAST THREE BASIC PERSPECTIVES OF EXPECTED SECRETARIAL/STENOGRAPHIC ROLE BEHAVIOR WILL BE EXAMINED--(1) SUPERVISORY EXPECTATIONS, (2) PEER EXPECTATIONS, AND (3) THE INDIVIDUAL SECRETARY'S VIEW OF HERSELF. VARIABLES TO BE CONSIDERED IN ASSESSING SECRETARIAL/STENOGRAPHIC SUCCESS WILL INCLUDE EDUCATION AND EXPERIENCE, SKILLS AND KNOWLEDGE, PERSONALITY AND SOCIAL CHARACTERISTICS, AND ENVIRONMENTAL CONSIDERATIONS. A QUASI-EXPERIMENTAL DESIGN OF THREE-SIZE WORK GROUPS WILL BE USED FOR THE STUDY. QUESTIONNAIRES WILL BE COMPLETED AND INTERVIEWS CONDUCTED WITH A NUMBER OF SUPERVISORS AND THEIR SECRETARIAL EMPLOYEES TO OBTAIN A "CONSENSUAL MEASURE" OF A "SECRETARIAL/STENOGRAPHIC ADAPTION SCALE" WHICH CAN BE USED TO ASSESS THOSE VARIABLES BEARING A SIGNIFICANT RELATIONSHIP TO SUCCESS. (JH)

EP 010 194

08

A TRAINING PROGRAM FOR SELECTED HOME ECONOMICS TO TRAIN ADULTS AND OLDER YOUTH FOR HOME ECONOMICS SERVICE RESPONSIBILITIES.

INVESTIGATOR- LOVELL, GANATA

LOUISIANA STATE UNIV. A AND M COLL. SYSTEM

BUREAU NUMBER BR-5-1315

PROP DATE 14 AUG 65

GRANT OEG-4-6-000487-0494

DESCRIPTORS- #ADULT EDUCATION PROGRAMS, #COMMUNITY SERVICES, #HOMEMAKING SKILLS, #TEACHER EDUCATION, #WORK-STUDY PROGRAMS, BATON ROUGE, COMMUNITY COOPERATION, EMPLOYMENT OPPORTUNITIES, GRADUATE STUDY, HOME ECONOMICS EDUCATION, HOME MANAGEMENT, HOME VISITS, LEADERSHIP, LOUISIANA, TEACHER WORKSHOP, VOCATIONAL EDUCATION,

START DATE 02-04-66

END DATE 03-21-67

LEADERSHIP TRAINING WILL BE OFFERED TO QUALIFIED HOME ECONOMISTS, ENABLING THEM TO TRAIN OTHERS TO ASSUME RESPONSIBILITIES OF THE REGULAR HOMEMAKER IN EMERGENCY SITUATIONS (FOR EXAMPLE, WHEN THE MOTHER OF A PARTICULAR HOUSEHOLD IS NOT ABLE TO FUNCTION) AND TO CARE FOR CHRONICALLY ILL OR AGING PERSONS. SPECIAL WORKSHOPS WILL BE PLANNED AND CONDUCTED AT LOUISIANA STATE UNIVERSITY FOR THOSE HOME ECONOMISTS WHO QUALIFY. EACH SESSION WILL LAST 3 WEEKS AND OFFER GRADUATE CREDIT. UPON COMPLETION OF TRAINING, THE PARTICIPANTS WILL RETURN TO THEIR RESPECTIVE LOCATIONS AND TEACH HOMEMAKING SERVICE TRAINING COURSES TO INTERESTED ADULTS AND OTHER YOUTH. STUDENTS OF THESE COMMUNITY-LEVEL

PROGRAMS WHO COMPLETE 80 HOURS OF INTENSIVE HOMEMAKING TRAINING WILL BE CERTIFIED AS "VISITING HOMEMAKERS" AND WILL BE ASSISTED BY LOCAL AGENCIES, WHICH ARE COGNIZANT OF THE INSTRUCTIONAL PROGRAM, IN SECURING EMPLOYMENT IN HOMES WHICH NEED THEIR CARE AND SERVICES. TRAINEES WHO HAVE GRADUATED FROM THE UNIVERSITY WORKSHOPS MAY ALSO PROVIDE SERVICES FOR THE ILL OR AGED PERSON IN CARING FOR HIMSELF AT HOME INSTEAD OF SEEKING INSTITUTIONAL CARE. (JH)

EP 010 195

24

THE ORGANIZATION AND ADMINISTRATION OF ORCHESTRAL CONCERTS FOR MUSIC EDUCATION IN SELECTED CITIES.

INVESTIGATOR- HILL, THOMAS

AMERICAN UNIV., WASHINGTON, D. C.

BUREAU NUMBER BR-6-1548

PROP DATE 14 JUN 66

CONTRACT OEC-2-6-061548-1998

DESCRIPTORS- \*CONCERTS, \*MUSIC ACTIVITIES, \*PROGRAM GUIDES, \*YOUTH PROGRAMS, BIBLIOGRAPHY, CULTURAL ENRICHMENT, D.C., FIELD INTERVIEW, FINE ARTS, MUSIC EDUCATION, WASHINGTON,

START DATE 06-20-66

END DATE 06-19-67

THE CULTURAL AND EDUCATIONAL PHILOSOPHIES, PROGRAMMING POLICIES, AND TEACHING PRACTICES THAT GOVERN AND SURROUND YOUTH SYMPHONIC CONCERTS WILL BE STUDIED AND ORGANIZED INTO A USEFUL GUIDE FOR PLANNING AND DEVELOPING YOUTH CONCERT PROJECTS. A BIBLIOGRAPHY WILL FIRST BE COMPILED OF PERTINENT HISTORICAL MATERIALS ON YOUTH CONCERTS, AND THEN FOLLOWED BY FIELD VISITS TO APPROXIMATELY 25 CITIES IN THE UNITED STATES TO DEVELOP CASE HISTORIES AND DETERMINE EXISTING PRACTICES IN THIS AREA OF CULTURAL ENRICHMENT. DATA FROM BOTH OF THESE PROCEDURES WILL SUBSEQUENTLY BE EDITED TO PREPARE THE ABOVE-MENTIONED GUIDE TO BE USED PRIMARILY BY SCHOOL ADMINISTRATORS AND TEACHERS OF MUSIC EDUCATION. (JH)

EP 010 196

08

A STUDY OF THE EFFECTIVENESS OF A MILITARY-TYPE COMPUTER-BASED INSTRUCTIONAL SYSTEM WHEN USED IN CIVILIAN HIGH SCHOOL COURSES IN ELECTRONICS AND AUTO MECHANICS.

INVESTIGATOR- ROZMAN, GILBERT B.

SYSTEMS OPERATION SUPPORT INC., KING OF PRUSSIA, PA.

BUREAU NUMBER BR-5-1332

PROP DATE 25 FEB 68

GRANT OEG-1-6-000242-0618

DESCRIPTORS- \*COMPUTER-ORIENTED PROGRAMS, \*INDUSTRIAL ARTS, \*PROGRAMMED INSTRUCTION, \*RESEARCH, \*VOCATIONAL EDUCATION, AUTO MECHANICS, ELECTRONICS, KING OF PRUSSIA, MEDIA RESEARCH, METHODS RESEARCH, PENNSYLVANIA, SMART, SNAP,

START DATE 04-01-66

END DATE 03-31-67

RESULTS ATTRIBUTABLE TO COMPUTER-BASED PROGRAMMED INSTRUCTION WILL BE COMPARED WITH RESULTS OF CURRENTLY PLANNED ELECTRONICS AND AUTO MECHANICS INSTRUCTION. SNAP, A PROGRAMMING TECHNIQUE BASED ON CUE-RESPONSE ANALYSIS, WILL BE USED. THE PROGRAMS WILL BE PRESENTED TO SELECTED SUBJECTS WITH AN IQ RANGE 130-70 WITH THE SMART TRAINER, DESIGNED FOR MILITARY USE. SELECTED STUDENTS WILL BE GROUPED IN IQ LEVELS FROM 100 TO 130, AND FROM 70 TO 112. BASIC COURSE CONTENT WILL BE IDENTICAL FOR BOTH THE EXPERIMENTAL AND CONTROL GROUP. BOTH GROUPS WILL RECEIVE THE SAME COMPREHENSIVE

END-OF-COURSE WRITTEN AND PERFORMANCE TESTS. TESTS FOR SIGNIFICANT DIFFERENCES WILL BE MADE FOR EACH COURSE. THEN A MULTIPLE-REGRESSION ANALYSIS OF STUDENT SCORES WILL BE MADE ON ATTITUDE, INTEREST, AND PERSONALITY TESTS AGAINST FINAL TEST SCORES. (WNI)

## EP 010 197

08

EVALUATING THE EFFICIENCY AND EFFECTIVENESS OF SELF-INSTRUCTIONAL METHODS FOR SELECTED AREAS OF VOCATIONAL EDUCATION.

INVESTIGATOR- SLOWTER, E. E.

BATTELLE MEMORIAL INST., COLUMBUS, OHIO

BUREAU NUMBER BR-5-1363

GRANT OEG-3-6-000539-1215

PROP DATE 10 SEP 85

DESCRIPTORS- #AUTOINSTRUCTIONAL AIDS, #AUTOINSTRUCTIONAL METHODS, #AUTOINSTRUCTIONAL PROGRAMS, #EVALUATION, #VOCATIONAL EDUCATION, COLUMBUS, EDUCATIONAL RESEARCH, OHIO, TEACHING METHODS.

START DATE 05-18-86

END DATE 12-31-86

EVALUATING THE EFFICIENCY AND EFFECTIVENESS OF SELF-INSTRUCTIONAL METHODS FOR SELECTED AREAS OF VOCATIONAL EDUCATION WILL BE ATTEMPTED THROUGH A NUMBER OF STUDIES. THE CONTENT FOR EACH OF THESE STUDIES WOULD BE A PRIMARY VOCATIONAL SKILL (OR CLOSELY RELATED PRIMARY VOCATIONAL SKILLS). THE MAJOR OBJECTIVES OF EACH STUDY WOULD BE EVALUATING THE EFFICIENCY AND EFFECTIVENESS OF SELF-INSTRUCTIONAL METHODS FOR TEACHING THESE SKILLS. EACH STUDY WOULD BE SELF-SUFFICIENT WITH RESPECT TO SUCH FACTORS AS DEVELOPMENT OF INSTRUCTIONAL MATERIALS, SELECTION OF SCHOOLS OR LOCATIONS, SELECTION OF STUDENTS, AND SPECIFIC EVALUATION PROCEDURES. ASSOCIATED WITH THE INDIVIDUAL STUDIES WOULD BE GENERAL, EXPERIMENTAL ACTIVITIES TO IDENTIFY AND SELECT PRIMARY VOCATIONAL SKILLS. AN EXTENSION OF SOME STUDIES WOULD BE THE DEVELOPMENT OF AUTOMATED INSTRUCTION TO INCLUDE BOTH THE PRIMARY SKILL THAT WAS THE VOCATIONAL CONTENT FOR THE STUDY AND OTHER RELATED VOCATIONAL SKILLS WHICH MAKE UP THE VOCATIONAL-EDUCATION SUBSYSTEM. THE GENERAL DESIGN ALSO PROVIDES FOR APPROPRIATE AND DESIRABLE INFORMATION-DISSEMINATION ACTIVITIES. (GC)

## EP 010 198

08

A PRELIMINARY EVALUATION OF PRE-TECHNICAL PROGRAMS IN SECONDARY EDUCATION.

INVESTIGATOR- KINGAID, HARRY V.

STANFORD RESEARCH INST., MENLO PARK, CALIF.

BUREAU NUMBER BR-5-1337

GRANT OEG-4-6-000431-0709

PROP DATE 12 NOV 85

DESCRIPTORS- #ADMINISTRATION, #EDUCATIONAL PROGRAMS, #EVALUATION, #SECONDARY EDUCATION, CALIFORNIA, PRETECHNOLOGY PROGRAM, PROGRAM EVALUATION,

START DATE 04-12-86

END DATE 08-15-87

COSTS AND EFFECTS OF INSTALLING AND OPERATING A PRETECHNOLOGY SECONDARY EDUCATION PROGRAM WILL BE STUDIED. ANALYSES OF THE RESULTS WILL BE USED TO ESTABLISH GUIDELINES FOR INSTALLING SUBSEQUENT PRETECHNOLOGY SECONDARY EDUCATION PROGRAMS. A DESIGN FOR CONTINUED LONG-TERM EVALUATION OF THE

PRETECHNOLOGY PROGRAM CONCEPT WILL ALSO BE FORMULATED. STUDY TECHNICS WILL INCLUDE PERSONAL INTERVIEW, A PILOT CASE STUDY, INTENSIVE CASE STUDIES OF 10 SCHOOLS WHICH INSTALLED PRETECHNOLOGY PROGRAMS, AND A STATISTICAL STUDY OF MATCHED PRETECHNOLOGY AND ACADEMIC STUDENTS. STUDENT COMPARISONS WILL BE MADE FROM ANALYSES OF EXISTING DISCIPLINARY PROBLEMS, EXTRACURRICULAR ACTIVITIES, POST-SCHOOL BEHAVIOR, AND ATTENDANCE. AN ATTEMPT WILL BE MADE TO DEVELOP INFORMATION FROM HISTORICAL STUDIES OF STUDENTS SIMILAR TO PRETECHNOLOGY STUDENTS WHO HAD NO OPPORTUNITY TO PARTICIPATE IN THE PRETECHNOLOGY PROGRAM. COMMUNITY, STUDENT, AND EDUCATIONAL SYSTEM VARIABLES WILL BE STUDIED AND COMPUTER ANALYZED TO OBTAIN AN UNDERSTANDING OF ADMINISTRATIVE PROBLEMS ASSOCIATED WITH INSTALLATION OF A PRETECHNOLOGY PROGRAM. (WNI)

## EP 010 199

08

THE DEVELOPMENT AND EVALUATION OF A TEACHING TEXT, OPERATION, MAINTENANCE AND REPAIR OF AIR-COOLED GASOLINE ENGINES.

INVESTIGATOR- HENDERSON, G.E.

UNIVERSITY OF GEORGIA, ATHENS

BUREAU NUMBER BR-5-1335

GRANT OEG-2-6-000484-0285

PROP DATE 12 AUG 85

DESCRIPTORS- #INDUSTRIAL ARTS, #INSTRUCTIONAL MATERIALS, #JUNIOR HIGH SCHOOL, #TEXTBOOK PREPARATION, #VOCATIONAL EDUCATION, ATHENS, GEORGIA,

START DATE 06-01-86

END DATE 05-31-86

A TEXT ON AIR-COOLED ENGINES WILL BE DEVELOPED FOR USE IN CLASSES PREPARING STUDENTS TO OPERATE, MAINTAIN, AND REPAIR THEM. THE TEXT CONTENT WILL BE OBTAINED FROM QUALIFIED SOURCE PERSONNEL IN FIELDS OF WORK APPLICABLE TO SMALL AIR-COOLED ENGINES. CONTENTS WILL BE CAREFULLY DOCUMENTED AND EDITED TO A JUNIOR HIGH SCHOOL READING LEVEL. EVALUATION OF THE TEST WILL BE LIMITED TO CHECKING ADEQUACY OF THE EXPLANATIONS, COMPLETENESS OF SUBJECT MATTER COVERAGE, CLARITY, AND THE EFFECT ON STUDENT COMPREHENSION. COPIES OF THE PRELIMINARY TEXT DRAFT WILL BE CIRCULATED FOR REVIEW BY RECOGNIZED AUTHORITIES, AND FOR TEACHER USE AND EVALUATION. UNDERGRADUATE STUDENTS, PREPARING TO TEACH VOCATIONAL EDUCATION, WILL ALSO BE EMPLOYED TO TEST AND EVALUATE PROCEDURES IN THE TEXT. (WNI)

## EP 010 200

08

COORDINATION, ADMINISTRATION, AND EVALUATION OF SUMMER INSTITUTES ON FLUID POWER EDUCATION FOR TEACHERS OF VOCATIONAL AND TECHNICAL EDUCATION.

INVESTIGATOR- PEARCE, THEODORE

FLUID POWER SOCIETY, THIENSVILLE, WIS.

BUREAU NUMBER BR-6-2278

GRANT OEG-3-6-002278-0728

PROP DATE 12 FEB 86

DESCRIPTORS- #FLUID POWER TECHNOLOGY, #SUMMER PROGRAMS, #TEACHER EDUCATION, #VOCATIONAL EDUCATION, #WORK-STUDY PROGRAMS, CURRICULUM DEVELOPMENT, FLUID POWER SOCIETY, INSTITUTE-TYPE COURSES, PROGRAM ADMINISTRATION, PROGRAM EVALUATION, TEACHER WORKSHOP, THIENSVILLE, WISCONSIN,

START DATE 04-15-86

END DATE 06-30-87

THE FLUID POWER SOCIETY WILL ACCOMPLISH THE

## PROJECT RESUMES

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FOLLOWING--(1) COORDINATE THE PLANNING, STAFFING, AND CONTENT OF THE 1968 SUMMER INSTITUTES ON FLUID POWER EDUCATION PRIOR AND DURING THE SUMMER OF 1968, AND (2) CARRY OUT IN-DEPTH, FOLLOW-UP RESEARCH FOR 2 YEARS AFTER THE INSTITUTES ARE COMPLETE TO EVALUATE THE INSTITUTE PROGRAM IN TERMS OF LONG-TERM EFFECTIVENESS ON TEACHERS OF VOCATIONAL AND TECHNICAL EDUCATION, THEIR SCHOOLS, AND THEIR STUDENTS. THE CONTENT OF EACH INSTITUTE WILL INCLUDE (1) BASIC THEORY OF FLUID POWER AND ITS APPLICATIONS IN MODERN SOCIETY, (2) A STUDY OF TYPES, FUNCTIONS, AND CHARACTERISTICS OF SUCH COMPONENTS AS CYLINDERS, PUMPS, MOTORS, AND VALVES, (3) CIRCUIT DESIGN AND ANALYSIS OF FLUID POWER SYSTEMS, AND (4) SEMINARS IN TEACHING FLUID POWER AND IN CURRICULUM DEVELOPMENT. THE FLUID POWER SOCIETY IS A TECHNICAL AND EDUCATIONAL ORGANIZATION OF SOME 3,000 PERSONS INVOLVED WITH FLUID POWER TECHNOLOGY AND INCLUDES EDUCATORS, TECHNICIANS, ENGINEERS, SYSTEM DESIGNERS, AND ADMINISTRATORS AMONG ITS MEMBERS. (JH)

**EP 010 201**

OB

EVALUATION OF STUDENT TEACHING IN HOME ECONOMICS.

INVESTIGATOR- NELSON, HELEN

STATE UNIV. OF N.Y., COLL. OF HOME EC. AT CORNELL U

BUREAU NUMBER BR-5-1333

PROP DATE

65

GRANT OEG-1-6-000028-0663

DESCRIPTORS- #BEHAVIOR PATTERNS, #BEHAVIOR RATING SCALE, #EFFECTIVE TEACHING, #HOME ECONOMICS EDUCATION, #STUDENT TEACHERS, COGNITIVE MEASUREMENT, ITHACA, MEASUREMENT INSTRUMENTS, NEW YORK, PERFORMANCE FACTORS, PRESERVICE EDUCATION, STUDENT EVALUATION,

START DATE 04-20-68

END DATE 03-15-67

CRITICAL INCIDENTS OF TEACHER PERFORMANCE CONTRIBUTING TO EFFECTIVE OR INEFFECTIVE STUDENT TEACHING BEHAVIOR IN HOME ECONOMICS CLASSROOMS WILL BE COLLECTED AND USED TO DEVELOP A BEHAVIORAL RATING SCALE FOR EVALUATING COLLEGE STUDENTS PREPARING FOR TEACHING CAREERS IN HOME ECONOMICS. THESE INCIDENTS WILL BE REPORTED USING AN INFORMATION SHEET ADMINISTERED TO A NUMBER OF COLLEGE SUPERVISORS, COOPERATING TEACHERS, AND STUDENT TEACHERS. THEY WILL THEN BE CATEGORIZED ACCORDING TO CERTAIN BEHAVIORS AND USED AS A BASE FOR CONSTRUCTING THE RATING SCALE DESIGNED TO BE USED AT THE MIDDLE AND END OF THE STUDENT TEACHING PERIOD. THE SCALE WILL BE PRETESTED, ANALYZED, REVISED, AND READMINISTERED AS REQUIRED TO EVALUATE AND ESTABLISH ITS RELIABILITY, ITEM DISCRIMINATION ACCURACY, AND VALIDITY BY CORRELATING THE SCALED CRITICAL INCIDENT SCORES OF THE THREE RESPONSE GROUPS, AND THE SCALED SCORES AGAINST STUDENT TEACHING GRADES. AS THE RATING SCALE IS DEVELOPED, SUCH DIMENSIONS AS THE TEACHER-PUPIL RAPPORT MAY BE ADDED TO THE STUDY. FINALLY, THE OVERALL USEFULNESS OF THE SCALE AS AN INSTRUMENT FOR EVALUATING STUDENT TEACHING IN HOME ECONOMICS BY COLLEGE SUPERVISORS AND COOPERATING TEACHERS WILL BE DETERMINED BY MEANS OF A QUESTIONNAIRE. (JH)

**EP 010 202**

OB

DEVELOPMENT OF AN EXPERIMENTAL NONGRADED AREA VOCATIONAL HIGH SCHOOL ASSOCIATED WITH A COMMUNITY COLLEGE.

INVESTIGATOR- DONNELL, NELSON

BREVARD COUNTY BD. OF PUB. INSTRUC., TITUSVILLE, FLA

BUREAU NUMBER BR-6-2164

GRANT OEG-2-6-062164-1954

PROP DATE 20 SEP 68

DESCRIPTORS- FLORIDA, TITUSVILLE,

START DATE 08-15-68

END DATE 08-14-69

THE OBJECTIVE OF THIS STUDY IS TO PROJECT A NONGRADED GENERAL HIGH SCHOOL CURRICULUM INTO A MODEL VOCATIONAL-TECHNICAL MULTI-CULTURAL HIGH SCHOOL. THIS CONCEPT WILL HAVE MAJOR IMPLICATIONS FOR A NEW APPROACH TO A VOCATIONAL-TECHNICAL HIGH SCHOOL IN THAT IT NOT ONLY INVOLVES THE NONGRADED CONCEPT BUT IT UNITES THE HIGH SCHOOLS AND THE COMMUNITY COLLEGES INTO VERTICAL ORGANIZATION WITHOUT GRADE BARRIERS OR UNREALISTIC STANDARDS FOR ADMISSION. WHILE THE PROGRAM IS ENTIRELY EXPERIMENTAL, THE EXPERIMENTAL CURRICULUM DESIGN IS SUCH THAT IT WILL HAVE IMPLICATIONS FOR BOTH VOCATIONAL-TECHNICAL HIGH SCHOOLS AND COMMUNITY COLLEGES IN OTHER STATES. THE PROCEDURE WILL ALSO INVOLVE A NEW RELATIONSHIP AND LINE OF ORGANIZATION BETWEEN HIGH SCHOOL AND COMMUNITY COLLEGE PERSONNEL. (GC)

**EP 010 203**

OB

SEMINAR TO IDENTIFY THE STRUCTURE OF KNOWLEDGE IN HOME ECONOMICS EDUCATION FOR THE GRADUATE LEVEL.

INVESTIGATOR- ANTHONY, HAZEL KREUTZ, SHIRLEY

UNIVERSITY OF NEBRASKA, SCHOOL OF HOME ECONOMICS

BUREAU NUMBER BR-5-2205

PROP DATE 09 FEB 68

GRANT OEG-3-6-062205-1929

DESCRIPTORS- #CURRICULUM DEVELOPMENT, #CURRICULUM RESEARCH, #GRADUATE STUDY, #HOME ECONOMICS EDUCATION, #SEMINARS, CURRICULUM PLANNING, LINCOLN, NEBRASKA,

START DATE 08-15-68

END DATE 12-31-67

HOME ECONOMICS EDUCATION FOR THE GRADUATE LEVEL IS THE SUBJECT OF THE PROPOSED SEMINAR. THE PURPOSES OF THE SEMINAR ARE TO (1) EVALUATE AND REFINE THE MATERIAL IN THE BROCHURE, "CONCEPT STRUCTURING OF HOME ECONOMICS EDUCATION CURRICULUM," DEVELOPED AT THE UNIVERSITY OF NEVADA SEMINAR, OCTOBER, 1964, (2) IDENTIFY COMPARABLE STRUCTURES APPROPRIATE FOR THE CONTENT OF GRADUATE COURSES IN HOME ECONOMICS EDUCATION, (3) PLAN FOR USE AND EVALUATION OF THE MATERIALS DEVELOPED, AND (4) OFFER SUGGESTIONS FOR RESEARCH OR TESTING THE VALIDITY OF THE MATERIALS. THIS SEMINAR WILL PROVIDE CONTINUITY IN THE DEVELOPMENT OF MATERIALS PERTINENT TO CURRICULUM IN HOME ECONOMICS EDUCATION. (GC)

**EP 010 204**

OB

NATIONAL LEADERSHIP DEVELOPMENT INSTITUTE IN TECHNICAL EDUCATION.

INVESTIGATOR- GOTRELL, CALVIN J.

OHIO STATE UNIV., COLUMBUS

BUREAU NUMBER BR-6-1888

PROP DATE 27 DEC 68

GRANT OEG-3-6-061888-0722

DESCRIPTORS- #ADMINISTRATOR GUIDES, #INSTITUTE-TYPE COURSES, #LEADERSHIP, #TRAINING, #VOCATIONAL EDUCATION, COLUMBUS, DEVELOPMENTAL PROGRAMS, EDUCATIONAL RESEARCH, OHIO,

START DATE 04-20-68

END DATE 02-20-67

THE PURPOSE OF THIS PROPOSAL IS TO SPELL OUT THE PROCEDURES TO BE USED IN CONDUCTING A SERIES OF FIVE REGIONAL INSTITUTES DESIGNED TO ACCELERATE THE DEVELOPMENT OF LEADERSHIP IN TECHNICAL EDUCATION THROUGHOUT THE NATION. SPECIFIC OBJECTIVES ARE--(1) TO PROVIDE A MECHANISM WHEREBY PRESENT AND PROSPECTIVE LEADERS IN TECHNICAL EDUCATION MIGHT DEVELOP AND IMPROVE THEIR UNDERSTANDING OF ADMINISTRATIVE LEADERSHIP IN TECHNICAL EDUCATION, (2) TO STIMULATE AND STRENGTHEN THE LONG-RANGE INTERESTS OF INSTITUTIONS OF HIGHER LEARNING, (3) TO EVALUATE THE EFFECTIVENESS OF A 2-WEEK INSTITUTE AS AN ADMINISTRATIVE TOOL, AND (4) TO ASSESS THE EFFECTIVENESS OF THE CONSORTIUM CONCEPT. A TOTAL OF 200 LEADERS IN TECHNICAL EDUCATION WILL BE INVITED TO PARTICIPATE IN THE INSTITUTES. (GC)

**EP 010 205**

24

A CONFERENCE ON RESEARCH IN MUSIC EDUCATION.

INVESTIGATOR- SCHNEIDER, ERWIN  
OHIO STATE UNIV., COLL. OF EDUCATION, COLUMBUS  
BUREAU NUMBER BR-6-1380 PROP DATE 16 SEP 65  
CONTRACT OEC-3-6-061380-1541

DESCRIPTORS- \*CONFFERENCES, \*EDUCATIONAL RESEARCHERS, \*MUSIC EDUCATION, COLUMBUS, MUSIC TECHNIQUES, OHIO, RESEARCH,

START DATE 06-15-66

END DATE 05-31-67

THE PURPOSE OF THE CONFERENCE ON RESEARCH IN MUSIC EDUCATION WILL BE TO BRING TOGETHER A GROUP OF RESEARCHERS WHO WILL PROVIDE THEIR PROFESSION WITH A CLEARER DEFINITION OF THE NATURE AND FUNCTION OF RESEARCH IN MUSIC EDUCATION, AN EVALUATION OF THE CURRENT STATE OF RESEARCH IN MUSIC EDUCATION BOTH AS A CONCEPT AND AN ACTIVITY, AND AN EXPOSITION OF THE REALISTIC RELATIONSHIPS BETWEEN ITS INTERESTS AND THE NEEDS OF MUSIC EDUCATION AS WELL AS THE RELATIONSHIP BETWEEN ITS OWN INTERESTS AND THE INTERESTS OF OTHER DISCIPLINES. SUCH A DEFINITION SHOULD ESTABLISH CRITERIA BY WHICH RELEVANT AND COMPETENT RESEARCH WOULD BE UNDERTAKEN. (GC)

**EP 010 206**

08

A STUDY OF THE EFFECTIVENESS OF FEDERALLY SUPPORTED BUSINESS DATA PROCESSING SUMMER INSTITUTES.

INVESTIGATOR- WALL, LEWIS E.  
COLORADO STATE UNIV., COLLEGE OF BUSINESS  
BUREAU NUMBER BR-6-2437 PROP DATE 66  
GRANT OEG-4-6-062437-2250

DESCRIPTORS- \*DATA PROCESSING, \*POSTGRADUATE EDUCATION, \*SUMMER PROGRAMS, \*TEACHER EDUCATION, COLORADO, COMPUTERS, FORT COLLINS, INSTITUTE-TYPE COURSES,

START DATE 06-20-66

END DATE 06-19-67

THE OBJECTIVE OF THE INSTITUTES WAS TO DEVELOP A POOL OF TEACHERS FOR TEACHING SPECIALIZED COURSES IN A 2-YEAR PREPARATORY CURRICULUM IN BUSINESS ELECTRONIC DATA PROCESSING. THESE TEACHERS WOULD HELP ALLEVIATE A SERIOUS SHORTAGE THAT HAS DEVELOPED IN THIS SUBJECT. A QUESTIONNAIRE WILL BE SENT TO 30 POST-HIGH SCHOOLS SELECTED AT RANDOM FROM THE POPULATION OF SUCH SCHOOLS WHO OFFER FEDERALLY REINBURSED 2-YEAR BUSINESS DATA PROCESSING COURSES. THE QUESTIONNAIRE

WILL INCLUDE ITEMS DESIGNED TO DETERMINE WHAT THE PRESENT PROGRAM AND STAFF CHARACTERISTICS ARE AND ITEMS DESIGNED TO DETERMINE ANTICIPATED PROGRAM AND STAFFING NEEDS. APPROPRIATE PROCEDURES WILL BE USED TO OBTAIN A COMPLETE RETURN. (JL)

**EP 010 207**

08

A CONFERENCE ON NEW EDUCATIONAL CURRICULA FOR SUBPROFESSIONAL PERSONNEL IN HEALTH SERVICES.

INVESTIGATOR- NANGLE, GRACE L.  
STATE DEPT. OF EDUCATION, BOSTON, MASS.  
BUREAU NUMBER BR-6-2664 PROP DATE 05 APR 66  
GRANT OEG-1-6-062664-2071

PROP DATE 05 APR 66

DESCRIPTORS- \*CONFFERENCES, \*HEALTH SERVICES,

\*SUBPROFESSIONALS, \*TRAINING, BOSTON, CURRICULUM DEVELOPMENT, MASSACHUSETTS,

START DATE 06-22-66

END DATE 01-18-67

A CONFERENCE IS PLANNED WITH LEADERS IN HEALTH SERVICES TO DISCUSS NEW PATTERNS FOR TRAINING SUBPROFESSIONALS. THE PROPOSED CONFERENCE WILL (1) PROVIDE AN OPPORTUNITY FOR REPRESENTATIVES OF PROFESSIONAL HEALTH ORGANIZATIONS TO WORK WITH OTHER TRAINING SPECIALISTS IN EXPLORING THE PROBLEMS, PARTICULARLY MULTIPLE AVENUES FOR PRODUCING HEALTH SERVICE SUBPROFESSIONALS, (2) PROVIDE GUIDELINES FOR EXPANDING AND IMPROVING EXISTING PROGRAMS AND FACILITIES, AND FOR EVALUATING THEIR OUTPUT IN A MORE SYSTEMATIC WAY, (3) DEVELOP TENTATIVE DESIGNS FOR NEW TRAINING PROGRAMS AND/OR ORGANIZATIONAL STRUCTURES, AND ANTICIPATE RESTRICTIONS WHICH MIGHT DELAY OR BAR THEIR IMPLEMENTATION (FOR EXAMPLE, LACK OF FREEDOM IN USING FEDERAL FUNDS), AND (4) DETERMINE THE KIND AND AMOUNT OF ANCILLARY SERVICES (FOR EXAMPLE, GUIDANCE, PLACEMENT, TESTING) NEEDED, IN RELATION TO BOTH IMMEDIATE AND FUTURE TRAINING PROGRAMS, (GC)

**EP 010 208**

24

CONFERENCE OF STATE ART SUPERVISORS AND REPRESENTATIVES FROM PROFESSIONAL ART ASSOCIATIONS ON CURRICULUM AND INSTRUCTION DEVELOPMENT IN ART EDUCATION IN THE FIFTY STATES.

INVESTIGATOR- BAUMGARNER, ALICE  
NATIONAL ART EDUCATION ASSN., WASHINGTON, D. C.  
BUREAU NUMBER BR-6-1772 PROP DATE 66  
CONTRACT OEC-2-6-061772-0804

PROP DATE 66

DESCRIPTORS- \*ART EDUCATION, \*CONFFERENCES, \*CURRICULUM RESEARCH, \*INTERSTATE WORKERS, \*ORGANIZATIONS (GROUPS), CURRICULUM DEVELOPMENT, D.C., EVALUATION, PLANNING, STATE PROGRAMS, WASHINGTON,

START DATE 06-20-66

END DATE 03-31-67

A CONFERENCE OF STATE DIRECTORS OF ART AND LEADERSHIP PERSONNEL FROM THE 50 STATE ART EDUCATION ASSOCIATIONS WILL BE ORGANIZED IN ORDER TO IDENTIFY WAYS TO STRENGTHEN THEIR MUTUAL EFFECTIVENESS IN IMPROVING BOTH THE QUALITY AND QUANTITY OF ART CURRICULUM AND INSTRUCTION WITHIN THEIR JURISDICTIONS. A PLANNING GROUP, CONSISTING OF THREE STATE ART DIRECTORS AND THREE ASSOCIATION REPRESENTATIVES WILL DEVELOP THE DETAILED CONFERENCE DESIGN, THE CONFERENCE WILL BE A 3-DAY WORKING SESSION, DURING WHICH SEVERAL PAPERS WILL BE PRESENTED ON--(1) THE ROLE AND FUNCTION OF THE STATE

## PROJECT RESUMES

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DEPARTMENT OF EDUCATION IN THE IMPROVEMENT OF CURRICULUM AND INSTRUCTION, AND (2) THE SPECIFIC FUNCTIONS OF THE STATE ART DIRECTOR'S OFFICE IN RELATION TO SCHOOL ART PROGRAMS, EXEMPLARY STATE EDUCATION PROGRAMS IN ART AND OTHER INSTRUCTIONAL FIELDS, AND CURRENT FEDERAL LEGISLATION IN SUPPORT OF PROGRAMS AT THE STATE DEPARTMENT LEVEL. AN EVALUATION MEETING WILL BE CONDUCTED TO DETERMINE THE CONTENT OF THE FINAL REPORT TO THE U.S. OFFICE OF EDUCATION AND THE DETAILS OF A SUMMARY REPORT OR REPORTS FOR ALL MEMBERS OF THE NATIONAL ART EDUCATION ASSOCIATION. (GC)

**EP 010 209**

08

TEXAS RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION.  
INVESTIGATOR- GUELPLE, JOHN R.  
TEXAS EDUCATION AGENCY, AUSTIN  
BUREAU NUMBER BR-6-2755 PROP DATE 22 APR 66  
GRANT OEG-4-6-062755-2076

DESCRIPTORS- \*RESEARCH METHODOLOGY, \*STATE PROGRAMS,  
\*VOCATIONAL EDUCATION, AUSTIN, EDUCATIONAL RESEARCH, RESEARCH PROJECTS, TEXAS,

START DATE 06-22-66

END DATE 07-31-66

IT WILL BE THE PURPOSE OF THE PROPOSED OCCUPATIONAL RESEARCH AND DEVELOPMENT COORDINATING UNIT FOR THE STATE OF TEXAS TO BRING TOGETHER A RESEARCH STAFF AND SUPPORTING PERSONNEL THAT WILL PROVIDE THE LEADERSHIP, MOTIVATION, AND COORDINATION NEEDED TO CREATE A FAVORABLE CLIMATE FOR VOCATIONAL EDUCATIONAL RESEARCH. THE MAIN PURPOSE WILL BE TO STIMULATE, FACILITATE, AND COORDINATE RESEARCH IN INSTITUTIONS AND AGENCIES WITHIN THE STATE AND TO DISSEMINATE THE RESEARCH FINDINGS TO PROVIDE THE IMPULSE AMONG VOCATIONAL AND TECHNICAL EDUCATORS TO IMPLEMENT NEW PROGRAMS FOR WHICH NEEDS AND TECHNIQUES BECOME EVIDENT THROUGH RESEARCH. (GC)

**EP 010 210**

08

WEST VIRGINIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION.  
INVESTIGATOR- EBERLE, FRED W.  
STATE DEPT. OF EDUCATION, CHARLSTON, W. VA.  
BUREAU NUMBER BR-6-2722 PROP DATE 20 APR 66  
GRANT OEG-2-6-062722-2077

DESCRIPTORS- \*EDUCATIONAL RESEARCH, \*INFORMATION DISSEMINATION, \*OCCUPATIONAL INFORMATION, \*VOCATIONAL EDUCATION, CHARLESTON, DEVELOPMENTAL PROGRAMS, WEST VIRGINIA,

START DATE 06-23-66

END DATE 07-31-66

THIS PROJECT IS TO STRUCTURE A PROGRAM OF RESEARCH AND DEVELOPMENT BY COORDINATING ALL AVAILABLE RESEARCH RESOURCES TO PLAN AND DEVELOP A CONTINUING PROGRAM OF VOCATIONAL EDUCATION WITHIN WEST VIRGINIA. A COMPLEMENT OF PERSONNEL, EACH WITH SPECIFIC RESPONSIBILITY TO THE UNIT, WILL IDENTIFY AND BRING TOGETHER ALL RESOURCES INTERESTED IN OCCUPATIONAL RESEARCH AND VOCATIONAL EDUCATION DEVELOPMENT. THESE RESOURCES WILL BE UTILIZED IN IDENTIFYING ISSUES AND PROBLEMS IN VOCATIONAL EDUCATION AND DEVELOPING A PROCEDURE FOR APPLYING RESEARCH FINDINGS TO THE STATE PROGRAM OF VOCATIONAL EDUCATION. (JL)

**EP 010 211**

08

ARKANSAS RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION.  
INVESTIGATOR- HUTSON, DENVER B.  
STATE BOARD OF VOCATIONAL ED., LITTLE ROCK, ARK.  
BUREAU NUMBER BR-6-2732 PROP DATE 06  
GRANT OEG-4-6-062732-2136

DESCRIPTORS- \*EDUCATIONAL RESEARCH, \*INFORMATION DISSEMINATION, \*OCCUPATIONAL INFORMATION, \*VOCATIONAL EDUCATION, ARKANSAS, DEVELOPMENTAL PROGRAMS, FAYETTEVILLE, PROGRAM EVALUATION,

START DATE 06-24-66

END DATE 07-31-66

THIS UNIT WILL ASSUME RESPONSIBILITY FOR STRUCTURING AN OVERALL PROGRAM OF RESEARCH AND DEVELOPMENT TO SERVE THE EVOLVING STATEWIDE PROGRAM OF VOCATIONAL EDUCATION ON A CONTINUING BASIS. IT WILL ASSESS THE EXISTING PROGRAM OF VOCATIONAL EDUCATION AND THE RESEARCH AND TRAINING ACTIVITIES WITHIN THE STATE IN LIGHT OF NEW AND EVOLVING DEMANDS FOR VOCATIONAL EDUCATION. (JL)

**EP 010 212**

08

NEW HAMPSHIRE RESEARCH COORDINATING UNIT FOR VOCATIONAL-TECHNICAL EDUCATION.  
INVESTIGATOR- ANDREW, N. D.  
STATE DEPT. OF EDUCATION, CONCORD, N. H.  
BUREAU NUMBER BR-6-2739 PROP DATE 21 APR 66  
GRANT OEG-1-6-062739-2137

DESCRIPTORS- \*ADMINISTRATIVE PERSONNEL, \*INFORMATION DISSEMINATION, \*OCCUPATIONAL INFORMATION, \*VOCATIONAL EDUCATION, CONCORD, DEVELOPMENTAL PROGRAMS, EDUCATIONAL RESEARCH, NEW HAMPSHIRE, PROGRAM EVALUATION,

START DATE 06-24-66

END DATE 07-23-66

THE PROPOSED UNIT WILL STIMULATE AND COORDINATE OCCUPATIONAL EDUCATION RESEARCH, WILL DISSEMINATE INFORMATION, ASSIST IN PROGRAM EVALUATION AND IN THE PREPARATION OF RESEARCH PERSONNEL. THE UNIT WILL SEEK COOPERATION OF STATE AND REGIONAL AGENCIES WHICH HAVE RESEARCH INTERESTS TO FURTHER THE GOALS AND FUNCTIONS OF THE UNIT, NAMELY, TO STIMULATE AND COORDINATE RESEARCH AND TO DISSEMINATE INFORMATION TO LOCAL SCHOOLS, VOCATIONAL AND TECHNICAL INSTITUTES, COLLEGES, UNIVERSITIES AND THE DIVISION OF VOCATIONAL-TECHNICAL EDUCATION. THE STAFF WILL ATTEMPT TO ESTABLISH AND MAINTAIN A WORKING RELATIONSHIP WITH INSTITUTIONS AND AGENCIES CONCERNED WITH OCCUPATIONAL EDUCATION. (JL)





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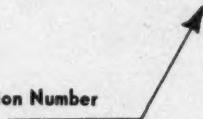
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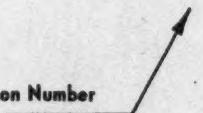
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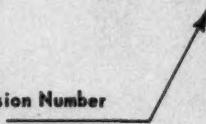
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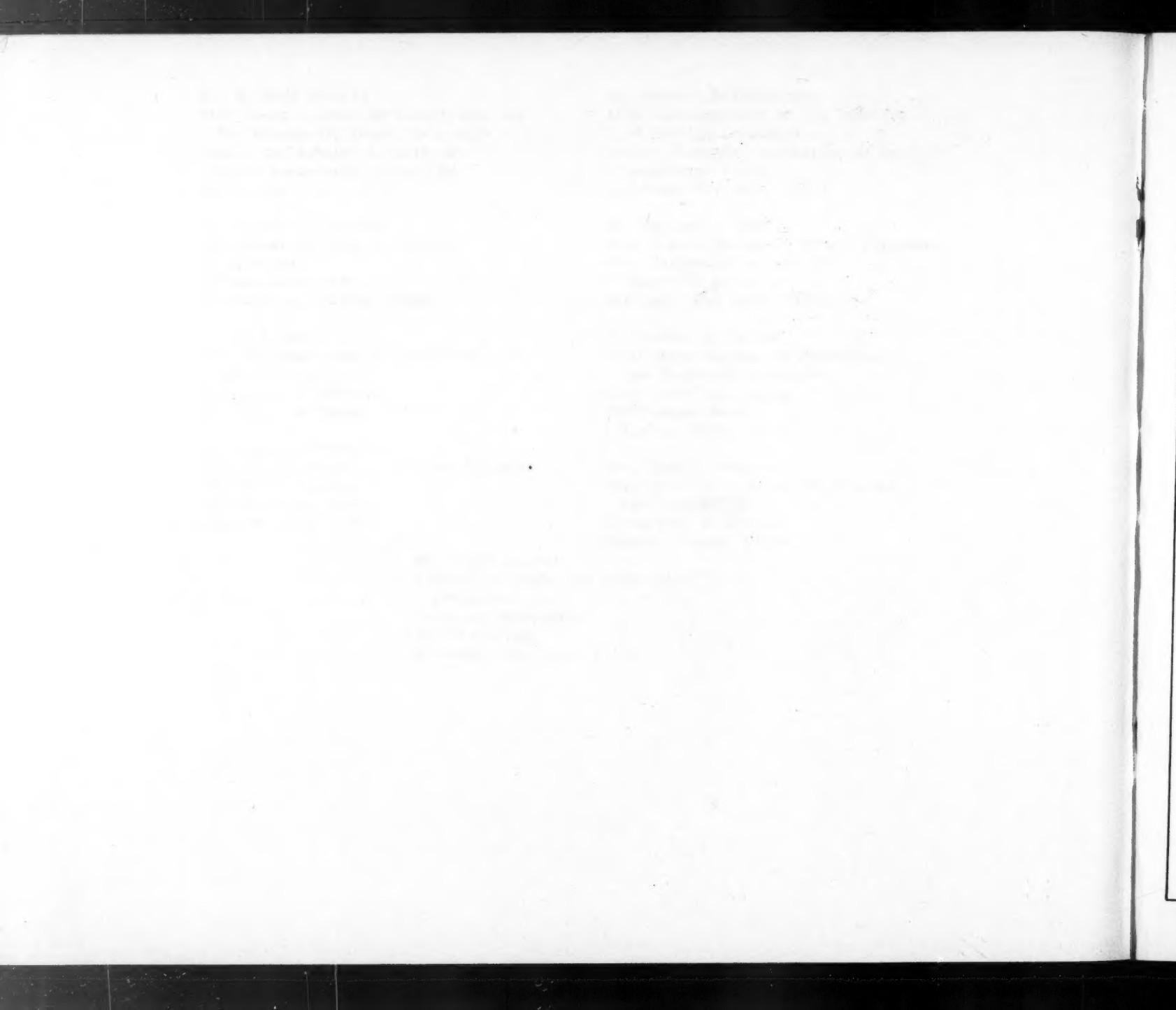
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